



# CK BALANCE MAX



# A Gift from the Heavens

In the East, ginseng has long been identified as a medicinal remedy that brings good health and longevity. Korean medical texts from the 1600s describes ginseng as a versatile medicine for both physical and mental well-being.



## Ginseng Saponin

The word 'saponin' is derived from the Greek word for soap. Just as soap removes the grease from the hands, Saponin removes the 'grease' within our bodies. The saponin within ginseng is particularly effective and has been named 'ginsenoside' to differentiate from other saponin.



# Benefits of Ginsenoside

(Ginsenoside) = Ginseng + Glycoside

Even among 750 other plant saponins, Ginsenoside is a saponin unique to ginseng known for its health benefits.



Immune Boost

Fatigue Relief

Bone Health

Liver Health

According to recent research, ginseng has anti-inflammatory and antioxidative properties that can help improve heart health and blood circulation.



Ginsenoside

# HEALTHY BALANCE

Ginsenosides are composed of two different saponins.  
One kind is a relaxant and the other a stimulant.

The combination of both saponins helps the body  
maintain a healthy balance (blood pressure, temperature, etc.)

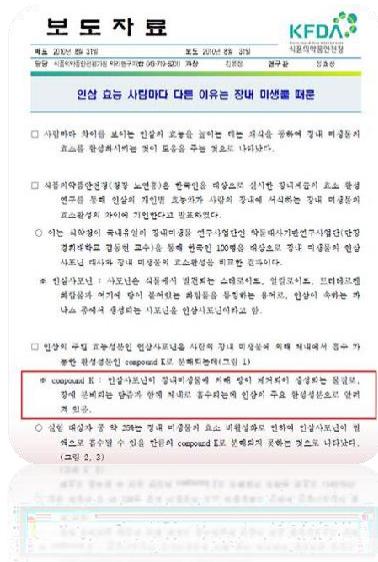




# Why Does the Efficacy of Ginseng Vary for Each Person?

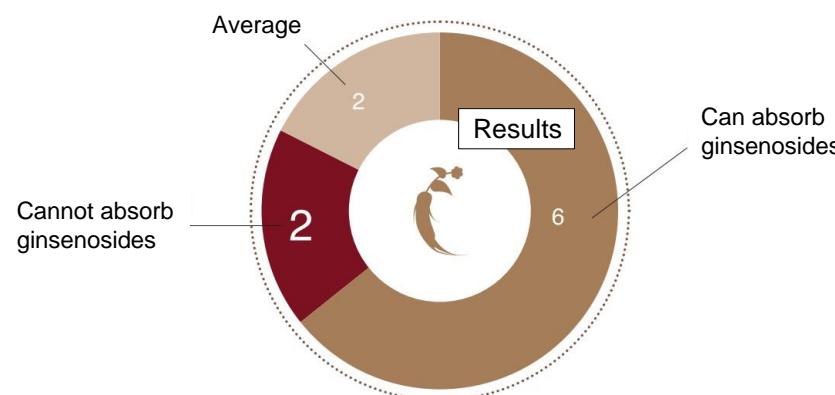
The efficacy of ginseng varies from person to person due to the differences in intestinal microorganisms.

According to Korean Ministry of Food and Drug Safety, 37% of Koreans cannot absorb ginsenosides.



## Ginsenoside Absorption Test

Source: Korean Ministry of Food and Drug Safety Report





## Increasing the Absorption Rate of Ginsenoside within the Body

### Molecule Size

Normal ginsenoside molecules are larger than readily absorbed molecules, making them less absorbable in their natural state.

However, if ginsenoside molecules became smaller, absorption rate would increase.

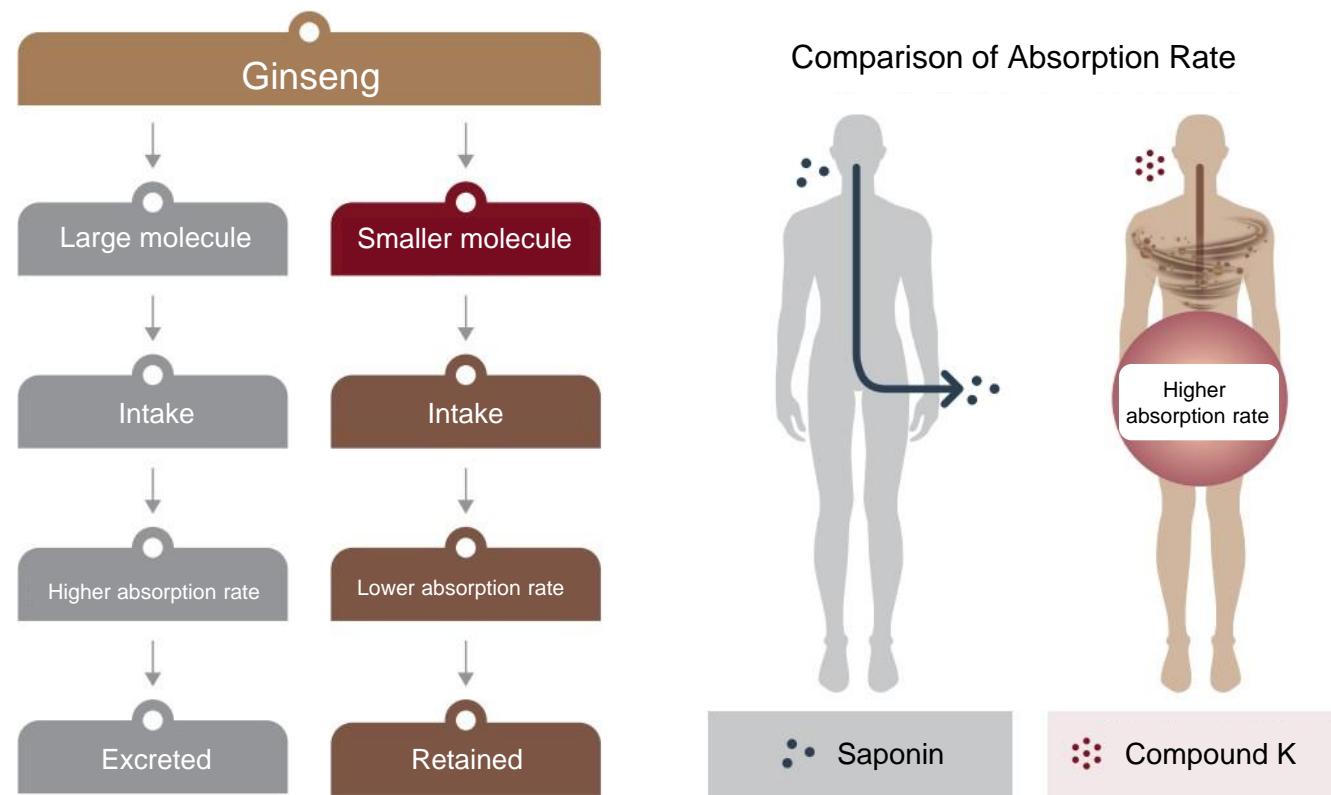


### Compound K

Compound K is the final metabolite of ginseng when broken down within the body. Ginsenoside can be converted into the much smaller Compound K for faster and easier absorption by the body.



## Absorbability of Compound K

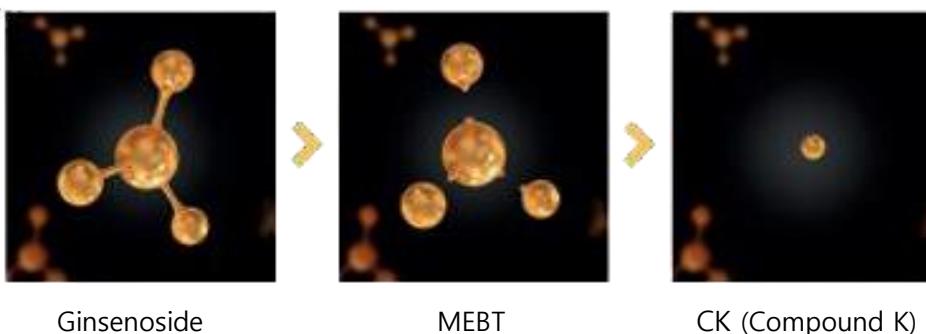




## MEBT

CK BALANCE products contain Compound K created using MEBT.

The conversion of ginsenoside into Compound K maximizes the absorption rate of our patented ingredient, fermented ginseng extract.

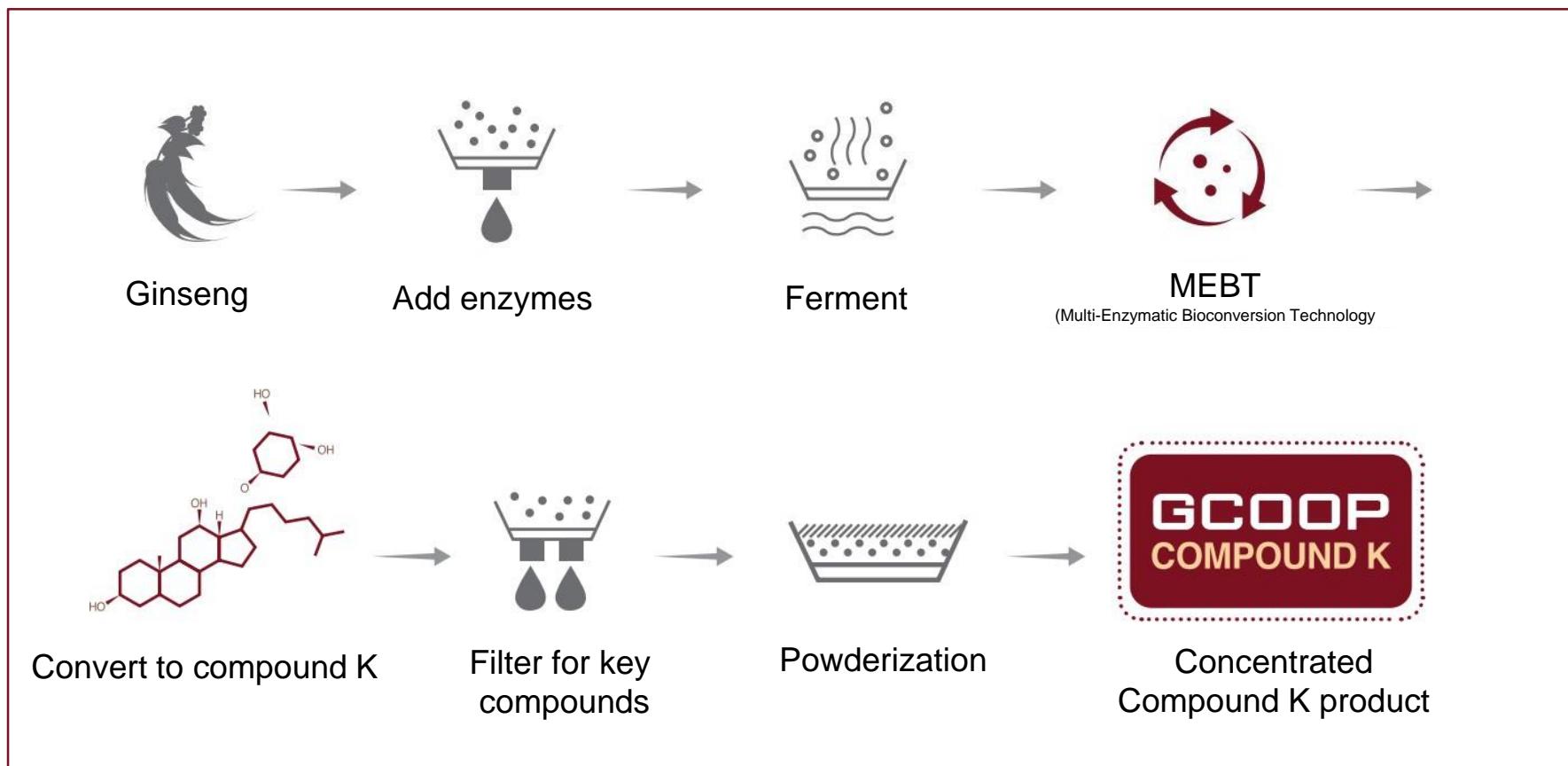


**MEBT** (Multi-Enzyme Bioconversion Technology)

The process of microbial fermentation converts ginsenosides, the key component of high-molecular-weight saponins, into the final metabolite, Compound K.



## Creating Compound K



## Why Ginseng must be 6-Years-Old

The maturity period of ginseng is 6 years. Ginseng grows one stem each year, up to six stems. After 6 years, it stops growing, and instead, the quality deteriorates due to lignification, where the surface of the roots becomes rough.

Ensuring only 6-year-old ginseng is used guarantees the highest quality in our products.





# Reference

## Verification of GCOOP Compound K's Immune Boosting Function

The joint research between General Bio and the laboratory of Jeonbuk National University has been academically recognized and published in the international journal, the Journal of Ginseng Research (IF 6.06), indexed in SCIE (Science Citation Index Expanded)

Contents lists available at [ScienceDirect](#)

**Journal of Ginseng Research**

journal homepage: <https://www.sciencedirect.com/journal/journal-of-ginseng-research>

Research Article

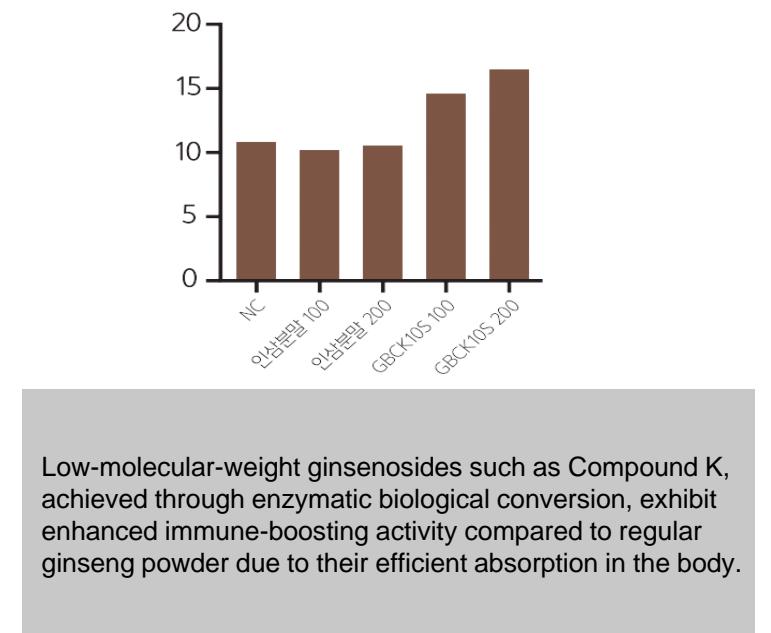
Enzymatic bioconversion of ginseng powder increases the content of minor ginsenosides and potentiates immunostimulatory activity

Jisang Park <sup>a, b, 1</sup>, Ju Kim <sup>b, 1</sup>, Eun-Sil Ko <sup>c</sup>, Jong Hoon Jeong <sup>c</sup>, Cheol-Oh Park <sup>c</sup>, Jeong Hun Seo <sup>c</sup>, Yong-Suk Jang <sup>a, b, \*</sup>

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<sup>b</sup> Department of Molecular Biology and the Institute for Molecular Biology and Genetics, Jeonbuk National University, Jeonju, Republic of Korea

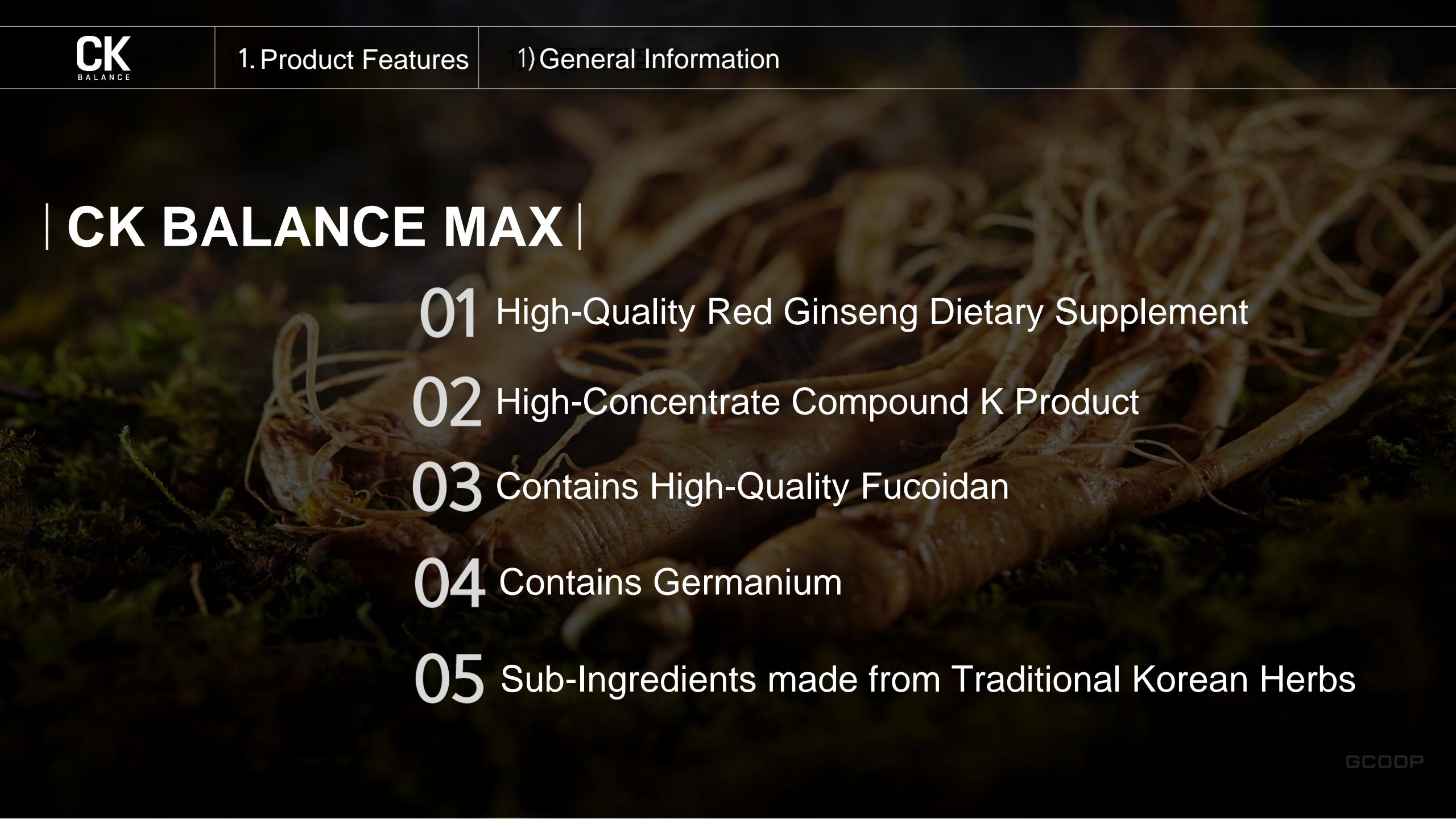
<sup>c</sup> R&D Center, General Bio Co., Ltd., Namwon, Republic of Korea



# CK BALANCE MAX

Product Introduction

# | CK BALANCE MAX |



- 01** High-Quality Red Ginseng Dietary Supplement
- 02** High-Concentrate Compound K Product
- 03** Contains High-Quality Fucoidan
- 04** Contains Germanium
- 05** Sub-Ingredients made from Traditional Korean Herbs

[Product Name] CK Balance Max  
[Net Wt.] 1.06 oz. (30g) / 1 g x 10 Sticks x 3 Boxes

## Supplement Facts

30 servings per container

**Serving Size:** 1 Stick (0.04 oz. / 1 g)

Amount Per Serving	% Daily Value*
<b>Calories 3</b>	
Sodium 0 mg	0 %
<b>Total Carbohydrate 1 g</b>	0 %
Dietary Fiber 0 g	0 %
Sugars 0 g	0 %
<b>Protein 0 g</b>	0 %
Ginsenoside (Rg1, Rb1, Rg3)	3 mg †

\* % Daily Values are based on a 2,000 calorie diet.

† Daily value not established

**[Ingredients]** Red Ginseng Concentrate Powder, Inonotus obliquus extraction powder, Ginseng fermentation extraction powder (Panax ginseng), Cnidium officinale Extract Concentrate (Cnidium officinale Makino), Rock pine, Ulmus macrocarpa Hance, Cudrania tricuspidata extraction powder, Seaweed Extract Powder/Undaria pinnatifida (Fucoidan seaweed), Fructooligosaccharide, Artemisia annua extraction powder, Angelica gigas NAKAI Extract Concentrate, Paeonia japonica Extract Concentrate, Arabic Gum, Ganoderma Extract (Ganoderma lucidum)

**[Suggested Use]** Take 1 stick once a day.

**[Precautions]** 1. Check the expiration date prior to taking this product and follow the directions. 2. If you have food allergies and/or food sensitivities, read the ingredients carefully before use. 3. Those consuming diabetes medication and/or blood anticoagulant medication should consume with caution.

**[Storage Instructions]** Store in a cool, dry place away from direct sunlight. Keep out of reach of children.

**[Exp. Date]** Listed separately.

**[Manufactured by]** General Bio Co., Ltd.

254 Yongtusan-ro, Songdong-myeon, Namwon-Si, Jeonbuk-do, Korea [55793]

**[Distributed by]** GCOOP USA CORP.

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**[Visit Us At]** [us.gcoop.com](http://us.gcoop.com) **[Contact Us]** [info.us@gcoop.com](mailto:info.us@gcoop.com)

**[Packaging Material]** Polyethylene (PE)

**MADE IN SOUTH KOREA**

POINT 01

## Certified Korean Red Ginseng

### ✓ Benefits of Red Ginseng

- May help with fatigue relief
- May help boost immune functions
- May help with blood circulation
- May help with memory loss
- Strong antioxidative properties

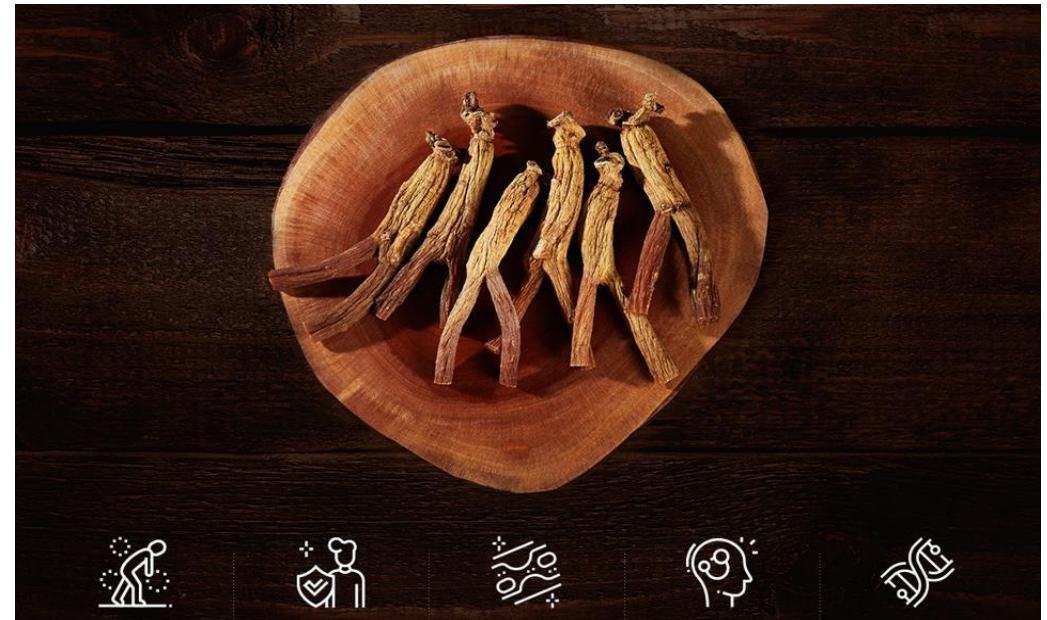
### ✓ 6-Year-Old Red Ginseng Extract

6-year-old ginseng used to ensure highest quality

### ✓ 3-in-1 Immune Booster

3mg of ginsenosides

Rg1+Rb1+Rg3 for triple immune boosting



## POINT 02

# Compound K for Maximum Absorption and Effect

## Ginsenoside Conversion Using MEBT

CK BALANCE MAX contains Compound K converted from ginsenosides using MEBT.

The resulting ingredient is the company's patented fermented ginseng extract.



## Ginsenoside



MEBT



## CK (Compound K)

## Fermented Ginseng Extract Patent and Certificate



POINT 03

## Fucoidan



### Benefits

- Through fucoidan, immune cells such as natural killer cells, killer T cells, which attack cancer, are activated, enhancing our body's anti-cancer ability and alleviating the side effects of cancer treatment.
- Fucoidan also has the effect of preventing cancer cells from creating their own blood vessels, thereby inhibiting the growth and spread of cancer cells.

[Source: Memorial Sloan Kettering Cancer Center]

POINT 04

## Ganoderma lucidum Extract (Germanium)

### Benefits



- Germanium transports fresh oxygen in the human body. It continuously supplies oxygen to the body to prevent diseases and removes harmful oxygen due to oxygen deficiency, thereby protecting cells.
- ✓ Free radicals not only stiffen cells and accelerate aging but also serve as a cause for various diseases and the transformation of cells into cancer cells.
- Germanium became known when a girl named Bernadette, who was on the verge of dying from cancer in 1858, was cured after drinking water from the Lourdes spring in France. At that time, it was called the 'Miracle of Virgin Mary,' and since then, numerous scientists have started researching the spring.

POINT 05

## Sub-Ingredients made from Traditional Korean Herbs



Angelica



Peony



Astragalus



Mugwort



Reishi Mushroom



Dong Quai

## Recommended For

- Those who desire an energy booster
- Those who want fatigue relief
- Those who are worried about their weakened physical strength
- Those seeking help in disease prevention
- Those who want to experience the effects of both red ginseng and ginseng conveniently.

# GCOOP