

SCP-II®: Salmon Collagen Proteoglycan Complex



The New Generation of Joint and Skin Health Supplementation



- SCP-II® offers benefits for joint and skin health at a very low dose.
- SCP-II® is the only ingredient that contains both Undenatured Proteoglycan (>40%) and Undenatured Type II Collagen (>40%).
- SCP-II® is produced from salmon nasal cartilage in Hokkaido, Japan using a patented extraction method.
- SCP-II® has no heavy metals and is produced in a GMP facilities.

Research

Human studies suggest that Undenatured Type II Collagen and Proteoglycan may*:

- Improves joint health.
- Helps with minor joint discomforts.
- Supports joint mobility.
- Supports cartilage and joint function.
- Reduces the appearance of wrinkles.
- Improves skin condition including, moisturizing, and hydrating the skin.

Safety

Oral 28-day repeated dose toxicity study in rats.



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1547 Palos Verdes Mall, #131
Walnut Creek, CA 94597
sales@guzendevlopment.com

Tel: 925-938-2724
Fax: 925-407-2994
www.guzendevlopment.com





SCP-II® Mechanism of Action

The mechanism of action for SCP-II® is believed to be found on the active site of undenatured Type II Collagen, which is an epitope, and the active site of undenatured Proteoglycan, which is its terminal C-site. These active sites are recognized by the body when ingested, and induce immune tolerance by signaling the body to stop releasing inflammatory cytokines and chemokines in the joints.

Denatured Type II Collagen and denatured Proteoglycan will not have this same effect because the active sites will not be intact in the denatured form.

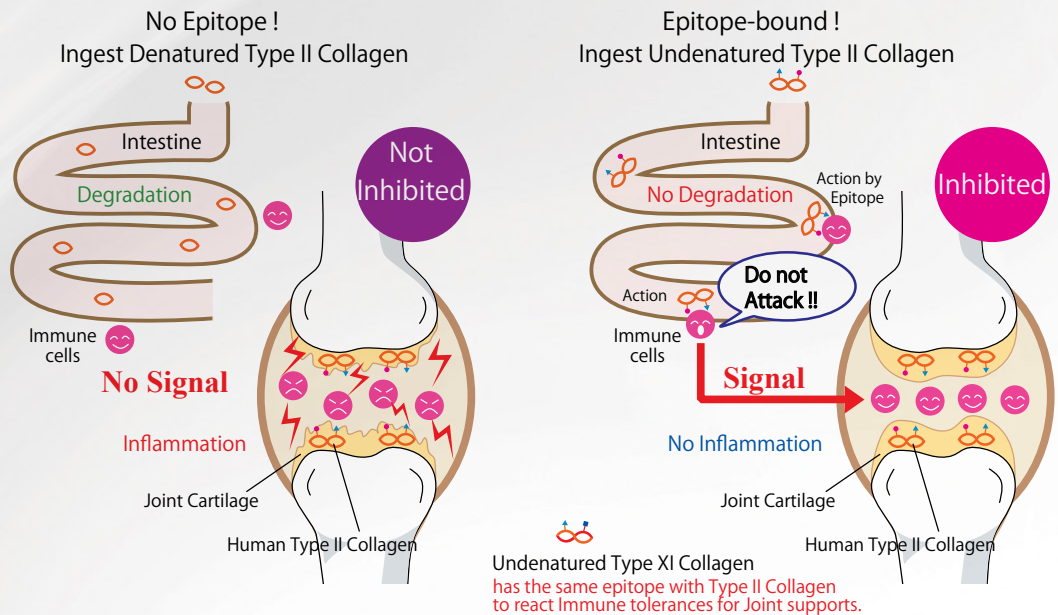
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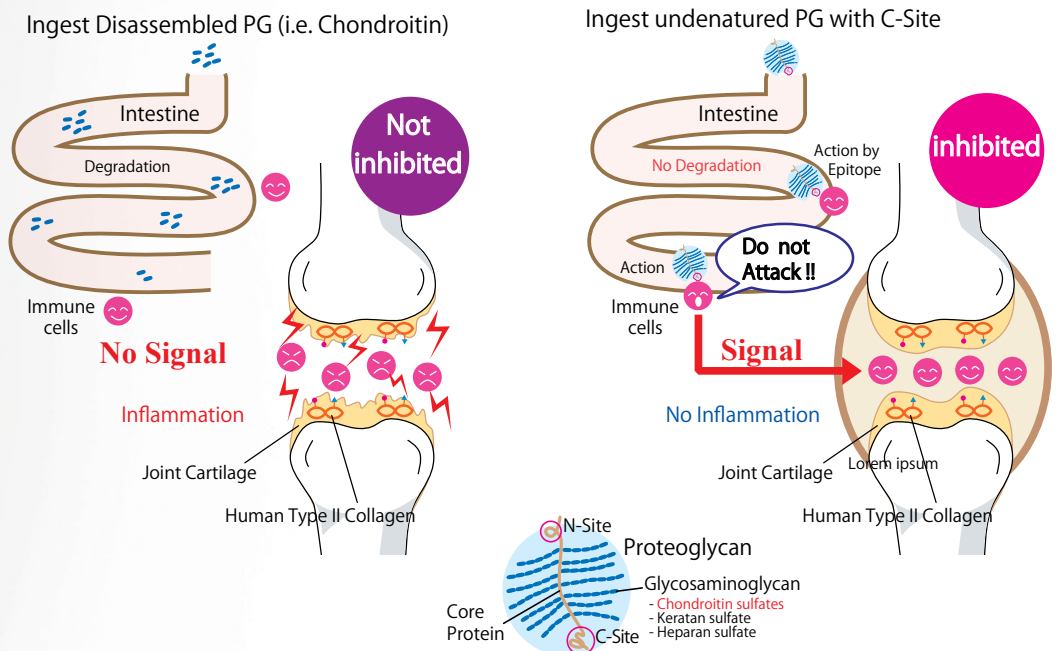
The intestine is responsible for about 80% of immune function.

The Function of Undenatured Type II Collagen in the Intestine



The intestine is responsible for about 80% of immune function.

The Function of Proteoglycan (PG) in the Intestine





Clinical Studies on Undenatured Type II Collagen and Proteoglycan

SCP-II® Complex (2021) Specifications:

>40% Natural Undenatured Salmon Type II Collagen

>40% Natural Undenatured Salmon Proteoglycan

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Efficacy Study Results	Test Item	Dose in Study	Equivalent SCP-II (2021) Dose
SCP-II helps with minor joint discomforts in healthy individuals. (Kuriyama et.al. 2016)	SCP-II (2016): 40% type II Collagen + 30% Proteoglycan	50mg SCP-II (2016) = 20mg Type II Collagen 15mg Proteoglycan	50mg SCP-II (2021) = 20mg Type II Collagen 20mg Proteoglycan
Salmon Proteoglycan helps with minor joint discomforts in healthy individuals, and also improved joint mobility and discomfort in healthy individuals 50 years or older. (Kuriyama et al. 2021)	Proteoglycan	10mg Proteoglycan	25mg SCP-II = 10mg Proteoglycan 10mg Type II Collagen
Salmon Proteoglycan improved joint discomfort in healthy individuals. (Najima et al. 2016)	Proteoglycan	10mg Proteoglycan	25mg SCP-II = 10mg Proteoglycan 10mg Type II Collagen
Salmon Proteoglycan improved minor joint discomfort. (Kuriyama et al., 2017)	Proteoglycan	5mg Proteoglycan	12.5mg SCP-II = 5mg Proteoglycan 5mg Type II Collagen
Salmon Proteoglycan Improved skin condition including moisturizing and hydrating the skin and reducing the appearance of wrinkles. (Takahashi et al. 2015)	Proteoglycan	10mg Proteoglycan	25mg SCP-II = 10mg Proteoglycan 10mg Type II Collagen
Salmon Proteoglycan helps with cartilage and normal joint function. (Tomonaga et al. 2017)	Proteoglycan	5mg Proteoglycan	12.5mg SCP-II = 5mg Proteoglycan 5mg Type II Collagen
Undenatured Type II Collagen from chicken cartilage improves joint health. (Lugo et. Al. 2016)	Type II Collagen	40mg UC-II = 10mg Type II Collagen	25mg SCP-II = 10mg Type II Collagen 10mg Proteoglycan

An effective dose of SCP-II can range as little as 12.5mg to 50mg per day.

