



Product information

**Food
ingredient**

Marine Placenta[®] (MP)

Product Summary

Marine Placenta is a food ingredient extracted and purified from salmon ovary membrane using a unique manufacturing method.

Features

- Low molecular weight/ Oligopeptide
- Nutrition-rich all-in-one ingredient
- Eco-friendly upcycled ingredient
- Differentiation through trademarks and patents
- Halal-certified raw materials
- Cosmetics and quasi-drugs ingredient is also available

Safety data

- Single oral dose toxicity test
- Reverse mutation test

Efficacy

- Anti-aging test (Wrinkle improvement, IGF-1 increase, peripheral blood circulation improvement, etc.)
- Test of menopausal disorders (Improvement of female hormone balance and other effects)
- Fibroblast activation test
- Antioxidant test
- Test of hair growth (Promotion of hair growth)
- Type I collagen production enhancement test

■ Patents

- Skin roughness improvement formulation (Patent No. 3899116: Japan)
- IGF-1 value-increasing agent (Patent No. 3946238: Japan)
- Acceleration pulse wave aging index raising agent (Patent No. 3946239: Japan)
- Anti-aging agent (Patent No. 10-1301037: South Korea)

■ Article

- Salmon ovary membraned extract as Femcare material
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Marine Placenta is a registered trademark of Nippon Barrier Free Co., Ltd.

Please follow the related laws and regulations when displaying or advertising health foods that contain our products.