



Product information

Cosmetic and
Quasi-drugs
material

Marine Placenta[®] (MPC)

Product Summary

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

Features

- Rich in amino acids
- Small molecule
- Contains mucopolysaccharide

Safety data

- Skin primary irritation test
- Two-week continuous skin irritation test
- Eye irritation test
- Skin sensitization test
- Reverse mutation test
- Human skin irritation test
- Single oral dose toxicity test
- Photosensitivity test
- Phototoxicity test
- Chromosomal aberration test

Efficacy data

- Tests related to beautiful skin (improvement of skin elasticity, texture, darkening of pores, etc.)
- Hair growth test (hair growth promotion)
- Fibroblast activation effect
- Type I collagen production promoting effect
- Antioxidant effect

■ Patents

- Cosmetics (Patent No. 3981397: Japan) - Histamine release inhibitory action (anti-allergic effect)
- Cosmetic (Patent No. 4005113: Japan) - Melanin production inhibitory action (whitening effect)
- Hair restorer (Patent No. 4643754: Japan)
- Dark pore improving agent (Patent No. 4792588: Japan)
- Cosmetics (Patent No. 10-1450681: South Korea)
 - Histamine release suppression, melanin production suppression, pore blackhead improvement, sebum increase action
- Cosmetics (Patent No. ZL2007 1 0302064.7: China)
 - Histamine release suppression, melanin production suppression, pore blackhead improvement

Marine Placenta is a registered trademark of Nippon Barrier Free Co., Ltd.

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