

ORICH-37

- Purpose for Hair growth agent -

Applicable products of ORICH-37

Hair care : Hair shampoo, Conditioner, Rinse, etc



What is ORICH-37 ?

Panax Notoginseng is a species of the genus Panax, and it is differ from the Panax ginseng in many aspects. It stimulates hair growth and makes hair more glossy based on its abilities to stimulate the blood circulation and hair follicles.

About "Panax Notoginseng "



Common name	Notoginseng
Latin name	<i>Panax notoginseng</i> (Burk) F. H. Chen
INCI Name	Water / Butylene glycol / Panax Notoginseng Root Extract
Main Ingredient	Notoginsenoside, Ginsenoside, Decichine

Panax Notoginseng has been used widely in traditional Oriental medicine and it can treat all diseases of the blood like blood disorders, including blood stasis, bleeding, and blood deficiency. It enhances the skin elasticity by stimulating the blood circulation.

" Panax Notoginseng inhibits the Hair loss by enhancing the blood circulations "

Common causes of hair loss	Uncommon causes of alopecia
Male pattern baldness	Poor blood flow
Trauma	Infections such as syphilis
Chemicals	Skin diseases such as lupus
Medications such as allopurinol, warfarin	Cancers
Poor nutrition	Hormone problems
Stress, for example, during a major illness	Kidney failure / Liver failure

Panax Notoginseng, as a herbal medicine, can treat all diseases of the blood like blood disorders, including blood stasis, bleeding, and blood deficiency and also Hair loss problems.

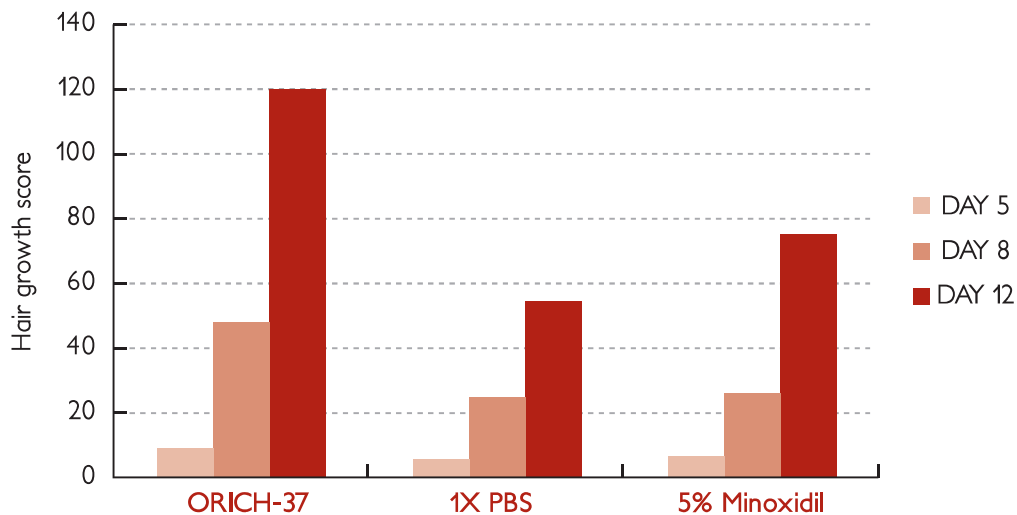
SPECIFICATION

INCI Name	Water / Butylene glycol / Panax Notoginseng Root Extract
Colour	Light yellow
Water	less than 40%
Butylene Glycol	60%
Preservative	Non-added
Packaging unit	5kg/ 10kg/ 20kg
Shelf life	2 years
Dosage	0.5~2%

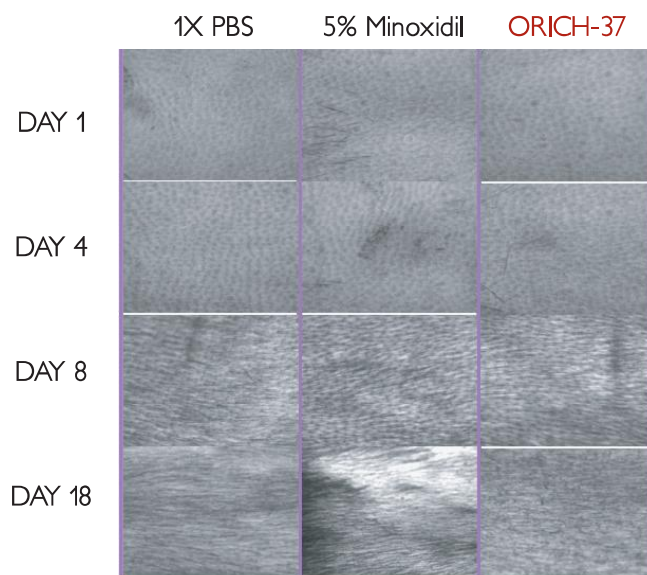
Main Biological Effects for Cosmetics

● Hair growth stimulating effect

1. Hair growth level of the ORICH-37 - Blind test



After 5, 8, 12 days from treatment, the visual score for hair growth was measured by blind test. ORICH-37 indicates the remarkable increase of hair growth level compared to the positive control, 5% Minoxidil.



To evaluate the distribution of hair, we investigated the scalp skin using VISIOSCAN V98. After treatment of 1, 4, 8, 12 days, the distance between hair was decreased. Compared to 5% Minoxidil, ORICH-37 has similar effect with them.