??????????????????? ?????????

GAMMA 1
IMAGE TREE
COLLAGEN
TRIPEPTIDE
& NATURAL
ANTIOXIDANT
100% collagen from Japan
Dietary Supplement

COLLAGEN
TRIPEPTIDE
& NATURAL ANTIOXIDANT

IMAGE TREE
COLLAGEN TRIPEPTIDE
& NATURAL ANTIOXIDANT

• ??????????????????? ??????????? 3 ????? ????????????? • ???? ?????? ?????? ??????? ???????????? • ??????? ?????? ?????? ??????? • ??????????? ????????????? ??????? • ???????????????? ???????? ???????????????? • ?????????????????????? ?????????????????????? • ??????????????? ?????????????????????? • ????????????????????????????????????

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Price

550.00 ?

[??]

Description

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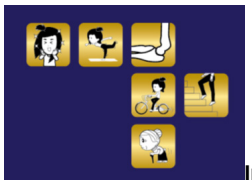 **Image Tree Collagen Tripeptide**

- ???????? ????????? 750 ??.
- ???????? ?????????? (??????? C) 60 ??.
- ??????????????? 50 ??.
- ????????????????? 30 ??.

Image Tree Collagen Tripeptide ???

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??? 3 ???? ?????????????????????????????????????? ??????????????????????????????
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????????????????????????????????????? ????? (Hyaluronic acid)
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??1??3????????????????????????????????
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??????????? (???)	3	30-100	3,000
??????????? (??????)	2-300	2,000-3,000	??????? 20,000
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*Ref Lodish H, Berk A, Zipursky SL, et al. Molecular Cell Biology. 4th edition. New York: W. H. Freeman; 2000. Section 22.3, Collagen: The Fibrous Proteins of the Matrix.

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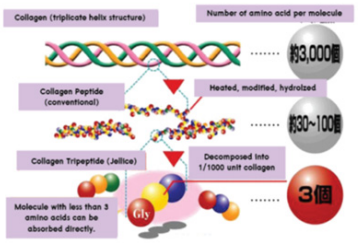

- ??????????????????????????????? (?????)
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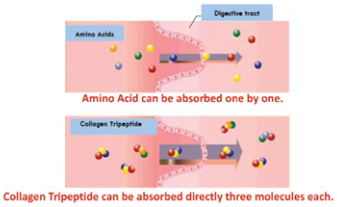
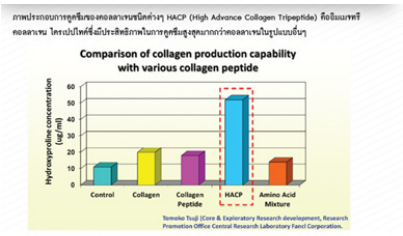


- ??????????????????????????????? (?????)
- ?????????????????????????? ?????????????????????? (???????)

IMAGETREE
COLLAGEN TRIPEPTIDE

HACP (High Advance Collagen Tripeptide) is a collagen from Image Tree



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???????? ?????????? (???????C) Calcium Ascorbate (VitaminC) ?????????????????????????? ???

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????????????????? (Grape Seed Extract)

- ??????????????????????????????? ???????????????????????? “????????????????????????” (Super Antioxidant) ??? 20 ?????????????????????????? 50 ???? ??????????????????????????????? Lipoprotein (LDL) ??

Central Research Institute, Jellice Co.,Ltd

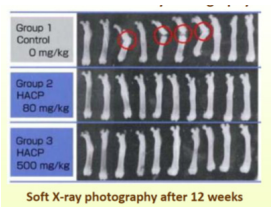
4-1-4, Wakadayashi, Wakabayashi-ku, Sendai 984-0826,Jepan

Effect of HACP on the Healing of Fractured Bones

Test Method

- 7 week-old male rats
- Left femur artificially fracture
- Daily oral administered for 12 weeks
- Dose 0, 80 and 500 mg/kg/day

Effect of HACP on the Healing of Fractured Bones



Evaluation Based on Soft X-ray Photography

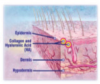
Image Tree Collagen Tripeptide (HACP)

What's the benefits ?

2. ????? Hyaluronic Acid ?????????????????? ?????????????????????????????

Hyaluronic Acid

Production Promotion Effect

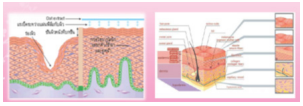

What is the Hyaluronic acid?

*Hyaluronic Acid play an important role in tissue hydration, lubrication and cellular function, and is able to hold more water than any other natural substance. Its unmatched hydrating properties result in increased smoothness, softening and decreased wrinkles.

*Hyaluronic Acid has also been show to reduce dryness, itching and burning of the skin

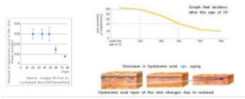
Hyaluronic Acid

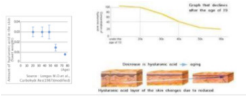
When Hyaluronic acid is absorbed into our skin layer, it will attach to water molecule and penetrate between intercellular fluids which is resulting in skin firming



Why have to increase HA production?

???????????????? ??? ?????????????????????? 30 ???????? ??????????????????????????????? ?????????????? ??????????????????????????????? 60 ???????? ?? 10% ??! ?????? ??? ???????????????? ???? ????????? ????? ?????? ???????? ???

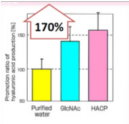




Hyaluronic Acid Production Promotion Effect

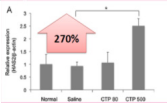
Test method
* In vitro: Humman skin fibroblast

Sample
* Placebo: Purified water
* GlcnAc (N-acetylglucosamine)
* Hyaluronic acid production promotion



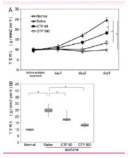
Hyaluronic Acid Production Promotion Effesct

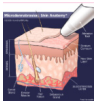
* HACP increased hyaluronic acid production amount in human skin fibroblast, was increased by 70%
* Hyaluronic acid was increased by 170% & was more than GkNAC (135%)
* HACP help the skin keep fresh and moisture.
* HACP increased smooth skin



Hyaluronic Acid Production Promotion Effect

* Oral 500 mg/kg/day
* HACP was dramatically increased HAS2 by 270% (HAS2: Hyaluronic acid production cells)
* Detect by ABIPRISM® 7500 Sequence Detection system with the TapMan®





TEWL suppressed by HACP in dry skin model mice

* HACP was tendency increase a level of stratum corneum hydration.
* High moisture skin found on HACP group.

Image Tree Collagen Tripeptide (HACP)
What's the benefits ?

3. ????????? Image Tree Collagen Tripeptide 2.6g???? 3-4 ???? ????? 10 ??????????????????????????? ??

Human Clinical Test (10 day administration test)

<u>The effect of High Tripeptide – Containing Collagen to skin</u>

148 healthy female subjects in 20-50 years old are divided into two group.

50ml drink containing either HTC collagen 2.600mg or collagen peptide 5000mg

10 days

????????????????

- 56% ???????? HTC ??
- 45% ???????? HTC ??????????????????????

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There are yet no reviews for this product.