

Highly Effective Antimicrobial & Antiacne Peptides Derived from Oyster

BGT™Oy-Oligo-P32

Product Trade Name: **BGT™ Oy-Oligo-P32**

Product INCI Name: Oligo

CAS Number:

Molecule Weight:

Natural Source: Amino acid sequence mimicked from human hair keratin, safe and non-irritation

China Compliant Status: Yes



Product Description:

BGT™ Oy-Oligo-P32 is a natural antimicrobial peptide, isolated from plasma of oysters, which has 4 unique characteristics:

1. Strongly inhibits *Propionibacterium acnes*
2. Deep penetration, good effect on non-open acne
3. Does not stimulate the release of cell inflammatory factors, relieve redness, swelling and pain
4. Extremely Safe, non-toxic, non-irritating

BGT™Oy-Oligo-P32 Human Efficacy Evaluation

Experimental Method:

1. Total of 30 volunteers with obvious facial acne, aged between 20 and 25 years old, half male and half female, were selected to conduct a half-face test
2. After washing the face, apply the emulsion containing 1% antibacterial peptide Oy-Oligo-P32 2 times locally (once in the morning and once in the evening) for 15 consecutive days
3. The control group used emulsion without antimicrobial peptide ACAMP, and the usage method was the same as the experimental group

Test Results:

1. 67% of subjects who used 5% BGT™Oy-Oligo-P32 lotion showed significant improvement after 3 days of use. In contrast, five people in the control group improved on day 3.
2. After the 12 day of use, the improvement rate of the experimental group reached 100%, and the self-healing ratio of the corresponding control group was 26.7%. It can be seen that Oy-Oligo-P32 2 has a very good ability to remove acne

