



# WK Pep<sup>®</sup> M-Plus



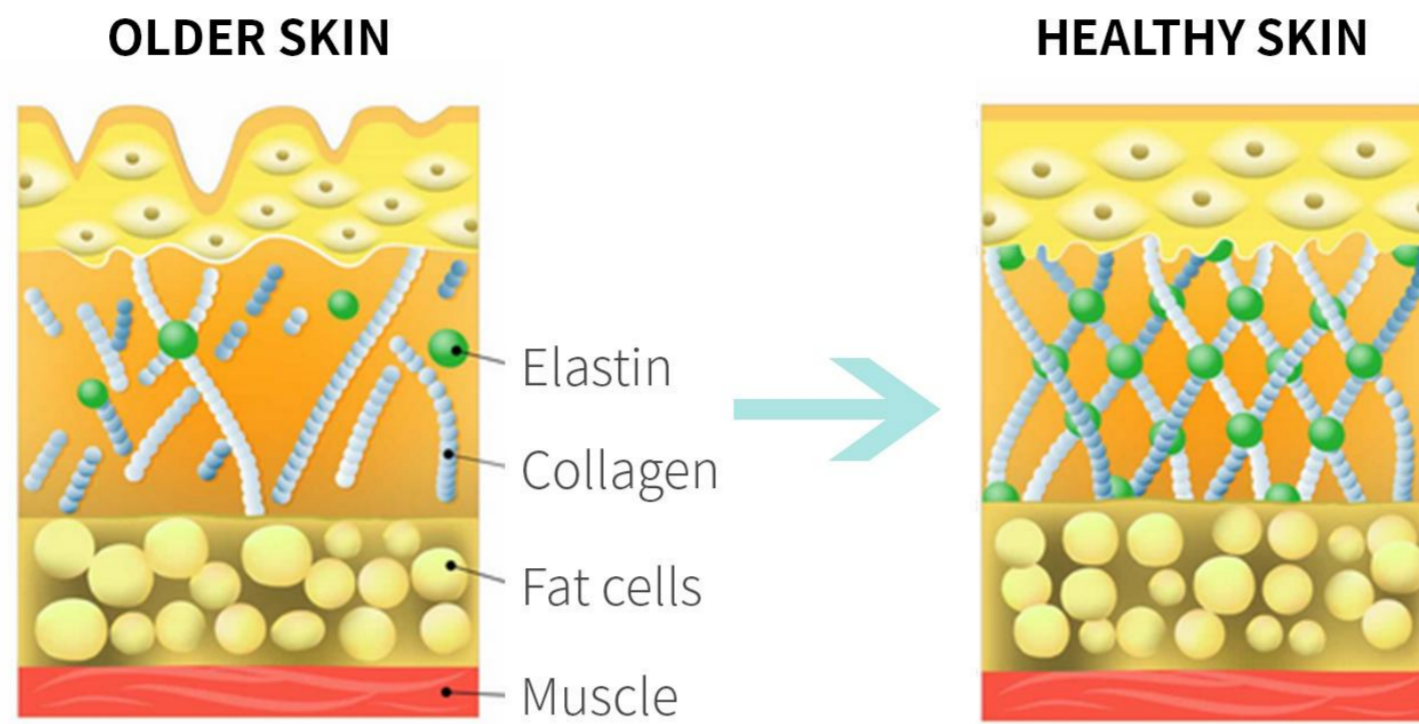
WKPep<sup>®</sup>M-Plus is an anti-ageing active ingredient dedicated to consumers experiencing loss of skin elasticity and firmness as well as other visible sign of ageing caused by a decrease in skin essentials substances (like collagen, elastin, polysaccharide) and the increased inflammation due to excessive secretion of IL-6.

WKPep<sup>®</sup>M-Plus is a safer and more effective replacement for collagen-injection.

## PRODUCT DESCRIPTION

<b>INCI Name</b>	Palmitoyl Pentapeptide-4, Palmitoyl Tripeptide-1, Palmitoyl Tetrapeptide-7, Polysorbate 20, Glycerin, Butylene Glycol, Carbomer, Water
<b>CAS Number</b>	n/a, 147732-56-7, 221227-05-0, 9005-64-5, 56-81-5, 107-88-0, 9007-20-9, 7732-18-5
<b>Appearance</b>	Transparent or translucent viscous liquid, white or off-white
<b>Peptide content</b>	Palmitoyl Tripeptide-1 $\geq$ 90 ppm Palmitoyl Pentapeptide-4 $\geq$ 90 ppm, Palmitoyl Tetrapeptide-7 $\geq$ 45 ppm
<b>PH</b>	4.0~6.0
<b>Recommended dosage</b>	3-8%
<b>Compatibility</b>	Avoid the use of compounds containing aldehyde and ketones, metal ions, strong acids, strong bases, active enzymes.

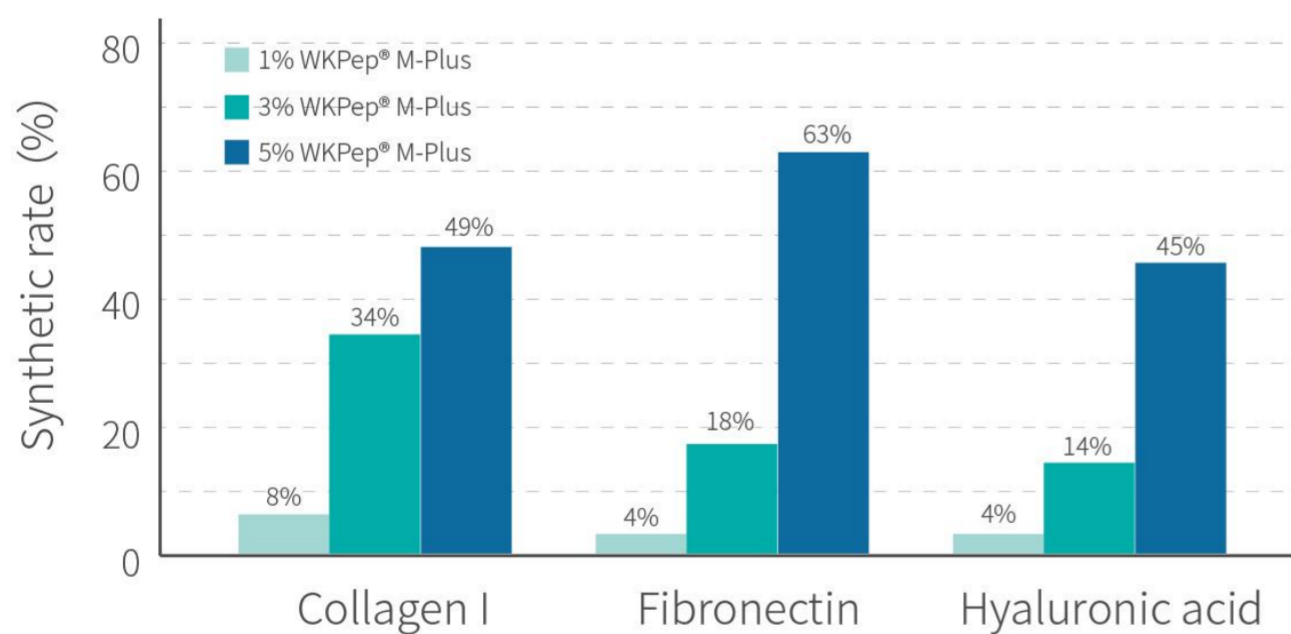
## MECHANISM



- 1 Palmitoyl Tripeptide-1 activates certain genes involved in the process of extracellular matrix renewal as well as cell proliferation, promotes the synthesis of collagen, elastin and polysaccharide.
- 2 Palmitoyl Pentapeptide-4 stimulates the production of collagen, sucrose osamine and hualuronic acid as well as boosts tissue regeneration.
- 3 Palmitoyl Tetrapeptide-7 is consist of 4 amino acids in Fc fragment of IgG, inhibits the release of inflammatory factor (IL-6) and reduces inflammation.

## EFFICACY TEST

### • Stimulate ECM synthesis



1%, 3%, 5% WKPep®M-Plus treatment effectively increased the content of ECM such as type I collagen, fibronectin and hyaluronic acid.



#### Contact us

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