



## EGF\_Epidermal Growth Factor

### Product Name : EWG-EGF 10 ppm liposome

INCI Name :

Water, Butylene Glycol, 1,2-Hexanediol, Caprylic/Capric Triglyceride, Hydrogenated Lecithin, Sodium Palmitoyl Sarcosinate, Disodium EDTA, sh-Oligopeptide-1(10ppm)

\* EGF : sh-Oligopeptide-1 (Purity  $\geq 95 \pm 3\%$ )



Epidermal Growth Factor



Winning the Nobel Prize



LOW HAZARD  
ewg

Created with EWG Green Rate ingredients



Enhanced skin penetration by stable liposome technique



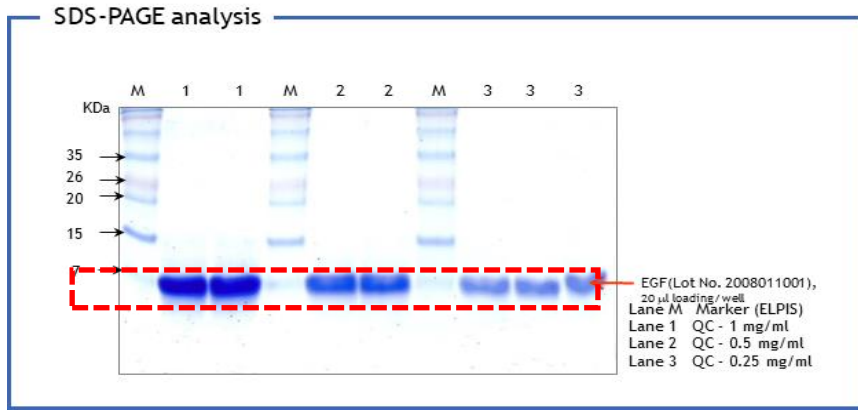
High purity EGF



High level of activity

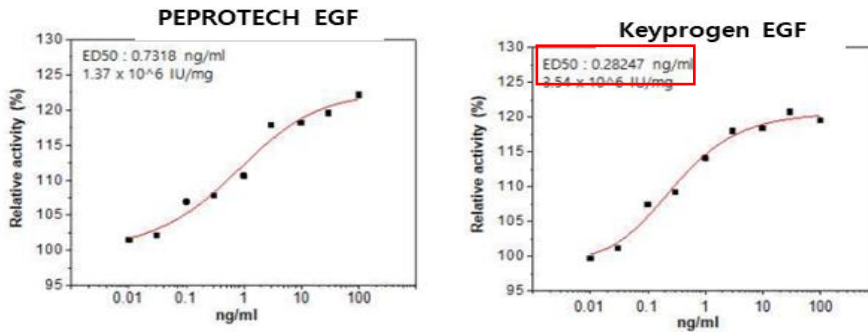
- The most effective factor for anti-wrinkle  
Promoting the activity of cells decreased by aging.
- Activation of epidermal cells
- Regeneration of skin damaged from treatment and wound.
- Promote collagen synthesis

## ★ Qualitative and quantitative analysis



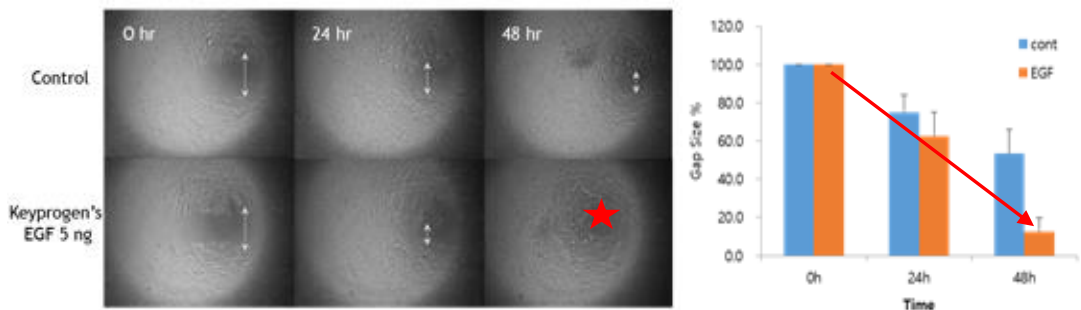
- Keyrogen EGF is a 95% ( $\pm 3$ ) high purity product.
- SDS-page experiments show the same amount of molecules agglomerated.

## ★ Analysis of EGF Active : biologically higher activity



- For Keyrogen EGF, the ED50 value is 0.28ng/ml, which is 2.6 times higher than the ED50 value of PEPROTECH EGF.
- The High Activity of EGF maximizes the efficiency of the skin.

## ★ Wound healing and Skin Regeneration



- EGF 5ng processing group checks Cell migration activity compared to control.
- EGF is effective in improving scarring and wrinkles by improving wound healing rates.