bFGF_basic Fibroblast Growth Factor

Product Name :
EWG-bFGF 10 ppm liposome

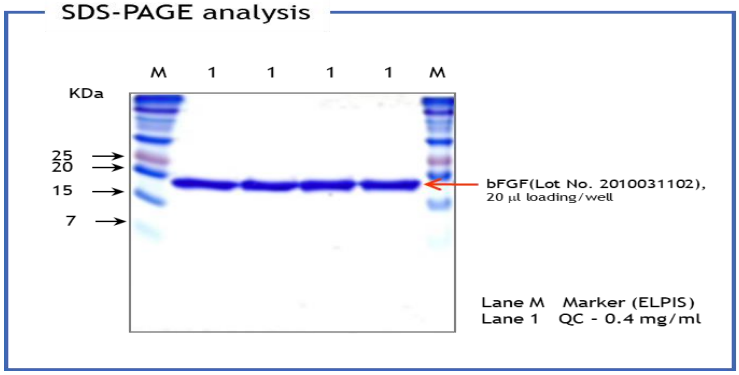
INCI Name :
Water, Butylene Glycol, 1,2-Hexanediol, Caprylic/Capric Triglyceride, Hydrogenated Lecithin, Sodium Palmitoyl Sarcosinate, Disodium EDTA, sh-Polypeptide-1(10ppm)

* bFGF : sh-Polypeptide-1 (Purity ≥97±3%)

- Fibroblast Growth Factor
- Created with EWG Green Rate ingredients
- Enhanced skin penetration by stable liposome technique
- High purity bFGF
- High level of activity

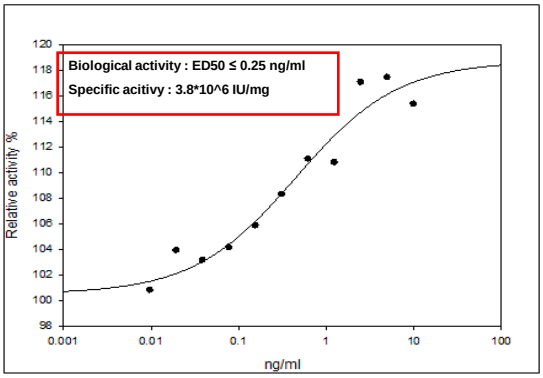
- Activation of Fibroblast
- Promotes skin elasticity by acting on dermal cell
- Excellent effects on burns and skin wounds
- Promotes production of moisturizing protein
- Promotes synthesis of collagen and elastin
- Promotes hair follicle cell growth and helps to form hair

★ Qualitative and quantitative analysis



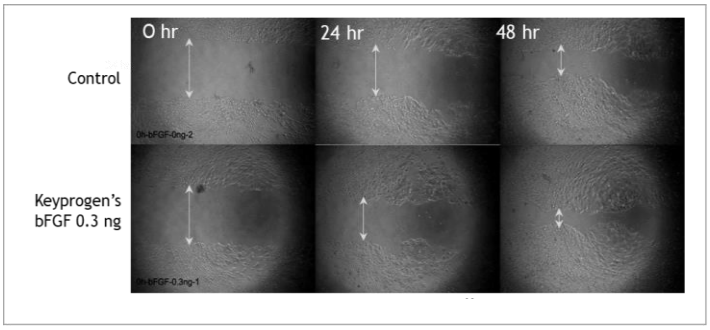
- Keyprogen bFGF is a 97% (±3) high purity product.
- SDS-page experiments show the same amount of molecules agglomerated.

★ Analysis of bFGF Active : biologically higher activity

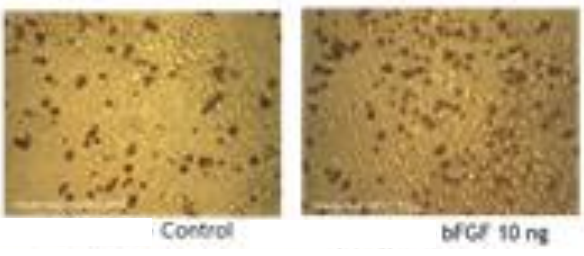


- For Keyprogen bFGF, the ED50 value is 0.25ng/ml compared to PEPROTECH bFGF used as standard, and the specific activity is $3.8X10^6$ IU/mg.

★ Wound healing and Skin Regeneration



- bFGF 0.3ng processing group checks Cell migration activity compared to control.
- bFGF is effective in improving wound healing rates.



- bFGF 10ng processing checks Cell migration activity compared to control.
- aFGF is effective in improving wound healing rates