

AR50212PU-N

Human FGF10 (38-208, His-tag) - Purified

Alternate names:

FGF-10, Fibroblast growth factor 10, KGF2, Keratinocyte growth factor 2

Quantity:

0.25 mg

Concentration:

0.25 mg/ml (determined by Bradford assay)

Background:

FGF10, also known as fibroblast growth factor 10, exhibits mitogenic activity for keratinizing epidermal cells, but essentially no activity for fibroblasts, which is similar to the biological activity of FGF7. Studies of the mouse homolog of suggested that this gene is required for embryonic epidermal morphogenesis including brain development, lung morphogenesis, and initiation of limb bud formation. FGF10 is also implicated to be a primary factor in the process of wound healing.

Uniprot ID:

[O15520](#)

NCBI:

[NP_004456](#)

GeneID:

[2255](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >95% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 50% glycerol, 0.2M NaCl, 2mM DTT, 2mM EDTA

Description:

Recombinant human FGF10 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSQMALGQ DMVSPEATNS SSSSFSSPSS AGRHVRSYNH
LQGDVWRKL FSFTKYFLKI EKNGKVSQTK KENCYPSILE ITSVEIGVVA VKAINSYYL
AMNKKGKLYG SKEFNNDCKL KERIEENGYN TYASFNWQHN GRQMYVALNG KGAPRRGQKT
RRKNTSAHFL PMVVHS

Molecular weight: 22.0 kDa (196aa) confirmed by MALDI-TOF

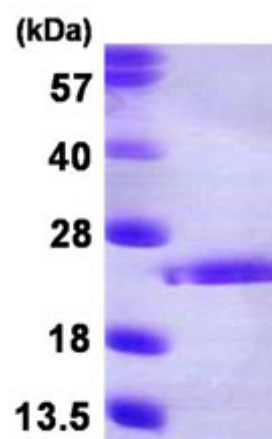
Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

General Readings:

Entesarian M., et al. (2005) Nat. Genet. 37:125-127 Milunsky J.M., et al. (2006) Clin. Genet. 69:349-354

Pictures:



15% SDS-PAGE (3ug)