

FGF10, 38-208aa, Human, His tag, E.coli

Cat.NO.: TP02116

3th Edition

Synonyms:Fibroblast growth factor 10, Keratinocyte growth factor 2.

Description: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 lim bud formation.

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

Molecular Weight:22.0 kDa (196aa), confirmed by MALDI-TOF.

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMQALGQDMVSPEATNSSSSSFSSPSSAGRHVRSYNHLQGDVRWRKLFS
FTKYFLKIEKNGKVSGETTKENCYPYSILEITSVEIGVVAVKAINSNYYLAMNKKGKLYGSKEFNNDCKLKERIEENGYNT
YASFNWQHNGRQMYVALNGKGAPRRGQKTRRKNTSAHFLPMVVHS

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.