

FGF12, 1-181aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP02117

3th Edition

Synonyms:Fibroblast growth factor 12, FHF1, FGF12B.

Description:FGF12 (Fibroblast growth factor 12) is a member of the FGF superfamily of molecules which currently stands at 22 members. The FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth, and invasion.

Form:Liquid in 20mM Tris pH 7.5, 10% glycerol, 1mM DTT, 2mM EDTA

Molecular Weight:22.6 kDa (201aa), confirmed by MALDI-TOF.

Sequences:

MGSSHHHHHSSGLVPRGSHMESKEPQLKGIVTRLFSQQGYFLQMHPDGTIDGTDKDNSDYTLFNLIPVGLRVVAI
QGVKASLYVAMNGEGYLYSSDVFTPECKFKESVFENYYVIYSSTLYRQQESGRAWFLGLNKEGQIMKGNRVKTK
PSSHFPKPIEVCMYREQSLHEIGEKQGRSRKSSGTPTMNGGKVVNQDST

Purity:> 95% by HPLC

Concentration:1 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.