

Human FGF5 Recombinant Protein



RPPB0215

Product Information Protein Information

Product SKU:

RPPB0215

Accession:

P12034

Host:

Escherichia Coli.

Protein description:

FGF5 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain having containing 252 amino acids and having a molecular mass of 27.7kDa. The FGF-5 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Fibroblast Growth Factor 5, Heparin-Binding Growth Factor 5, Smag-82, HBGF-5, TCMGLY, FGF-5, FGF5.

Formulation:

FGF-5 protein was lyophilized from a 0.2µm filtered solution in 10mM sodium phosphate and 100mM sodium chloride pH 7.5.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized FGF5 in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized FGF5 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FGF-5 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

MAWAHGEKRL APKGQPGPAA TDRNPRGSSS RQSSSSAMSS SSASSSPAAS LGSQGSGLLEQ SSFQWSPSGR
RTGSLYCRVG IGFHLQIYPD GKVNGSHEAN MLSVLEIFAV SQGIVGIRGV FSNKFLAMSK KGKLHASAKF
TDDCKFRERF QENSYNTYAS AIHRTEKTGR EWYVALNKRK KAKRGCSPRV KPQHISTHFL PRFKQSEQPE
LSFTVTVPEK KKPPSPIKSK IPLSAPRKNT NSVKYRLKFR FG.