

Human FGF4 Recombinant Protein



RPPB5729

Product Information Protein Information

Product SKU:

RPPB5729

Accession:

P08620

Host:

Escherichia Coli.

Protein description:

FGF4 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 182 amino acids and having a molecular mass of 19.8kDa. The FGF4 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

HBGF4, FGF-4, FGF4, KFGF, HSTF1.

Formulation:

The FGF4 protein was lyophilized with 2xPBS, pH 7.4.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized FGF4 Human Recombinant sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized FGF4 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FGF-4 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Amino Acid Sequence:

GRGGAAAPTA PNGTLEAELE RRWESLVALS LARLPVAAQP KEAAVQSGAG DYLLGIKRLR RLYCNAVIGIF
HLQALPDGRI GGAHADTRDS LLELSPVERG VVSIFGVASR FFVAMSSK GK LYGSPFFTDE CTFKEILLPN
NYNAYESYKY PGMFIALSKN GKTKKGNRVS PTMKVTHFLP RL.

Biological Activity:

The ED₅₀ as determined by the dose-dependent stimulation of thymidine uptake by BaF3 cells expressing FGF receptors is ≤0.5ng/ml, corresponding to a specific activity of ≥ 2,000,000units/mg.