

Human FGF 8 Recombinant Protein



RPPB0217

Product Information Protein Information

Product SKU:

RPPB0217

Accession:

P55075

Host:

Escherichia Coli.

Protein description:

FGF 8 Human Recombinant produced in E.Coli is a non-glycosylated polypeptide chain containing 194 amino acids and having a total molecular mass of 22.5kDa.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

FGF8B, FGF-8B, FGF8-B, KAL6, HBGF-8, HBGF8, AIGF, HBGF-8, MGC149376, fibroblast growth factor 8.

Formulation:

Lyophilized from a concentrated (1mg/ml) solution containing 5mM Na₃PO₄ and 50mM NaCl, pH 7.5.

Purity:

Greater than 97.0% as determined by analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized FGF 8 in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized FGF 8 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FGF 8 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:

MQQTVQSSPN FTQHVREQLS VTDQLSRRLI RTYQLYSRTS GKHVQVLANK RINAMAEDGDPFAKLIVETD
TFGSRVRVRG AETGLYICMN KKGKLIKSN GKGKDCVFTE IVLENNYTAL QNAKYEYWYM AFTRKGRPRK
GSKTRQHQRV VHFMRKLRPG HHTTEQLRF EFLNYPFTR SLRGSQRTWA PEPR.

Biological Activity:

The ED₅₀, as determined by its ability to induce proliferation of mouse 3T3 fibroblasts, is 5-7ng/ml, corresponding to a specific activity of 2x10⁵units/mg.