

# Mouse FGF 8 Recombinant Protein



RPPB0218

---

## Product Information    Protein Information

**Product SKU:**

RPPB0218

**Accession:**

P37237

**Host:**

Escherichia Coli.

**Protein description:**

FGF 8 Mouse 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 Na<sub>3</sub>PO<sub>4</sub> and 50 mM 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 18MΩ-cm H<sub>2</sub>O 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 KKGKLIASN GKGKDCVFTE IVLENNYTAL QNAKYEGWYM AFTRKGRPRK  
GSKTRQHQRV VHFMRKLRPG HHTTEQSLRF EFLNYPFTR SLRGSQRTWA PEPR

**Biological Activity:**

The activity is determined by its ability to induce proliferation of mouse 3T3 cells and is typically less than 20ng/ml corresponding to a specific activity of 50,000units/mg.