

Product datasheet for **TP720035M**

Fgf2 (NM_008006) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of mouse fibroblast growth factor basic
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Met1-Ser154
Tag:	Tag Free
Predicted MW:	17.1 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH ₂ O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_032032
Locus ID:	14173
UniProt ID:	P15655 , Q541T2
RefSeq Size:	695
Cytogenetics:	3 18.41 cM
RefSeq ORF:	462
Synonyms:	bFGF; Fgf-2; Fgfb



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Summary:

Acts as a ligand for FGFR1, FGFR2, FGFR3 and FGFR4. Also acts as an integrin ligand which is required for FGF2 signaling. Binds to integrin ITGAV:ITGB3. Plays an important role in the regulation of cell survival, cell division, cell differentiation and cell migration. Functions as a potent mitogen in vitro. Can induce angiogenesis.[UniProtKB/Swiss-Prot Function]

Product images: