

# Product datasheet for TP720040M

### FGF1 (NM\_000800) Human Recombinant Protein

### **Product data:**

#### **Product Type: Recombinant Proteins Description:** Recombinant protein of human fibroblast growth factor 1 (acidic) (FGF1), transcript variant 1 Species: Human E. coli **Expression Host: Expression cDNA Clone** Phe16-Asp155 or AA Sequence: Tag: Tag Free Predicted MW: 16 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 ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Store at -80°C. Storage: Stability: Stable for at least 6 months from date of receipt under proper storage and handling conditions. NP 000791 RefSeq: Locus ID: 2246 **UniProt ID:** P05230 Cytogenetics: 5q31.3 Synonyms: AFGF; ECGF; ECGF-beta; ECGFA; ECGFB; FGF-1; FGF-alpha; FGFA; GLIO703; HBGF-1; HBGF1



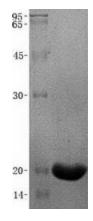
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	FGF1 (NM_000800) Human Recombinant Protein – TP720040M
Summary:	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein functions as a modifier of endothelial cell migration and proliferation, as well as an angiogenic factor. It acts as a mitogen for a variety of mesoderm- and neuroectoderm-derived cells in vitro, thus is thought to be involved in organogenesis. Multiple alternatively spliced variants encoding different isoforms have been described. [provided by RefSeq, Jan 2009]
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathway	s: MAPK signaling pathway, Melanoma, Pathways in cancer, Regulation of actin cytoskeleton

## Product images:



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