

Product datasheet for **TP762598**

FGF3 (NM_005247) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human fibroblast growth factor 3 (FGF3), full length, with N-terminal GST and C-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region full length of FGF3
Tag:	N-GST and C-HIS
Predicted MW:	26.89 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_005238
Locus ID:	2248
UniProt ID:	P11487
RefSeq Size:	1548
Cytogenetics:	11q13.3
RefSeq ORF:	717
Synonyms:	HBGF-3; INT2



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Summary:

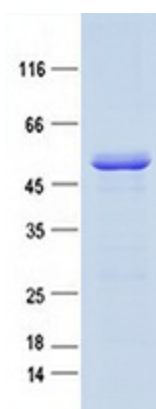
The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities and are involved in a variety of biological processes including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This gene was identified by its similarity with mouse *fgf3/int-2*, a proto-oncogene activated in virally induced mammary tumors in the mouse. Frequent amplification of this gene has been found in human tumors, which may be important for neoplastic transformation and tumor progression. Studies of the similar genes in mouse and chicken suggested the role in inner ear formation. [provided by RefSeq, Jul 2008]

Protein Families:

Druggable Genome, Secreted Protein

Protein Pathways:

MAPK signaling pathway, Melanoma, Pathways in cancer, Regulation of actin cytoskeleton

Product images:

Purified recombinant protein FGF3 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.