

Product datasheet for **TP723100**

FGF6 (NM_020996) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human fibroblast growth factor 6 (FGF6).
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGTRANNTLL DSRGWGTTLLS RSRAGLAGEI AGVNWESGYL VGIKRQRRRLY CNVGIGFHLQ VLPDGRISGT HEENPYSLLE ISTVERGVVS LFGVRSALFV AMNSKGRLYA TPSFQECKF RETLLPNNYN AYESDLYQGT YIALSKYGRV KRGSKVSPIM TVTHFLPRI
Tag:	Tag Free
Predicted MW:	18.7 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μ M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by a cell proliferation assay using Balb/c 3T3 cells. The expected ED50 is ≤ 0.1 ng/ml, corresponding to a specific activity of $\geq 1 \times 10^7$ units/mg.
Endotoxin:	Endotoxin level is < 0.1 ng/ μ g of protein (< 1 EU/ μ g)
Storage:	Store at -80°C .
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_066276
Locus ID:	2251
UniProt ID:	P10767
RefSeq Size:	744
Cytogenetics:	12p13.32
RefSeq ORF:	624
Synonyms:	HBGF-6; HST2



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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 displayed oncogenic transforming activity when transfected into mammalian cells. The mouse homolog of this gene exhibits a restricted expression profile predominantly in the myogenic lineage, which suggested a role in muscle regeneration or differentiation. [provided by RefSeq, Jul 2008]

Protein Families:

Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways:

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

Product images: