

Recombinant Human FGF6, GST-tagged

Cat. No. FGF6-12872H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF6 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	38-208a.a.
Description	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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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Gene Name	FGF6 fibroblast growth factor 6 [Homo sapiens]
Official Symbol	FGF6
Synonyms	FGF6; fibroblast growth factor 6; FGF-6; HST-2; HSTF-2; heparin-binding growth factor 6; heparin secretory-transforming protein 2; HST2; HBGF-6;
Gene ID	2251
mRNA Refseq	NM_020996
Protein Refseq	NP_066276
MIM	134921
UniProt ID	P10767
Chromosome Location	12p13
Pathway	Downstream signaling of activated FGFR, organism-specific biosystem; FGFR ligand binding and activation, organism-specific biosystem; FGFR1 ligand binding and activation, organism-specific biosystem; FGFR1c ligand binding and activation, organism-specific biosystem; FGFR2 ligand binding and activation, organism-specific biosystem; FGFR2c ligand binding and activation, organism-specific biosystem; FGFR4 ligand binding and activation, organism-specific biosystem;
Function	growth factor activity; protein tyrosine kinase activity;