

Recombinant Full Length Human FGF5 Protein, GST-tagged

Cat. No. FGF5-4835HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FGF5 full-length ORF (NP_149134.1, 1 a.a. - 123 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	123 amino acids
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 was identified as an oncogene, which confers transforming potential when transfected into mammalian cells. Targeted disruption of the homolog of this gene in mouse resulted in the phenotype of abnormally long hair, which suggested a function as an inhibitor of hair elongation. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]
Molecular Mass	39.4 kDa
AA Sequence	MSLSFLLLLFFSHLILSAWAHGEKRLAPKGQPGPAATDRNPRGSSSRQSSSSAMSS SSASSSPAASLGSGGLEQSSFQWSPSGRRTGSLYCRVGIGFHLQIYPDGKVNG SHEANMLSQVHR

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	FGF5 fibroblast growth factor 5 [Homo sapiens]
Official Symbol	FGF5
Synonyms	FGF5; fibroblast growth factor 5; heparin-binding growth factor 5; HBGF-5; Smag-82;
Gene ID	2250
mRNA Refseq	NM_004464
Protein Refseq	NP_004455
MIM	165190
UniProt ID	P12034

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