

Recombinant Full Length Human FGF12 Protein, GST-tagged

Cat. No. FGF12-4809HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FGF12 full-length ORF (AAH22524, 1 a.a. - 181 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	181 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 growth factor lacks the N-terminal signal sequence present in most of the FGF family members, but it contains clusters of basic residues that have been demonstrated to act as a nuclear localization signal. When transfected into mammalian cells, this protein accumulated in the nucleus, but was not secreted. The specific function of this gene has not yet been determined. Two alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]
Molecular Mass	45.65 kDa
AA Sequence	MESKEPQLKGIVTRLFSQQGYFLQMHPDGTIDGTKDENS DYTLFNLIPVGLRVVAIQ GVKASLYVAMNGEGYLYSSDVFTPECKFKESVFENYYVIYSSTLYRQQESGRAWFL GLNKEGQIMKGNRVKKT KPSSHFPVKPIEVCMYREQSLHEIGEKQGRSRKSSGTPT

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	MNGGKVVNQDST
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	FGF12 fibroblast growth factor 12 [Homo sapiens]
Official Symbol	FGF12
Synonyms	FGF12; fibroblast growth factor 12; FGF12B; FHF1; fibroblast growth factor 12B; fibroblast growth factor FGF 12b; fibroblast growth factor homologous factor 1; myocyte activating factor; FHF-1; FGF-12; myocyte-activating factor; fibroblast growth factor FGF-12b;
Gene ID	2257
mRNA Refseq	NM_004113
Protein Refseq	NP_004104
MIM	601513

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UniProt ID

P61328

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