

Recombinant Human FGF12 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. FGF12-290H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FGF12 MS Standard C13 and N15-labeled recombinant protein (NP_066360) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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. [provided by RefSeq, Dec 2019]
Molecular Mass	27.2 kDa
AA Sequence	MAAAIASSLIRQKRQARESNSDRVSASKRRSSPSKDGRSLCERHVLGVFSKVRFCSGRKRPPVRRRPEPQLKGIVTRLFSQQGYFLQMHPDGTIDGTKDENS DYTLFNLIPVGLRVVAIQGVKASLYVAMNGEGYLYSSDVFTPECKFKESVFENYYVIYSSTLYRQQESGRAWFLGLNKEGQIMKGNRVKKT KPSSHFPKPIEVCMYREPSLHEIGEKQGRSRKS

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SGTPTMNGGKVVNQDSTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	FGF12 fibroblast growth factor 12 [Homo sapiens (human)]
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_021032
Protein Refseq	NP_066360
MIM	601513

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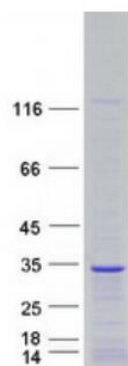
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UniProt ID

P61328

SDS-PAGE

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