

Product datasheet for **TP319002M**

FGF14 (NM_004115) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human fibroblast growth factor 14 (FGF14), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219002 representing NM_004115 Red =Cloning site Green =Tags(s)
	<p>MAAAIASGLIRQKRQAREQHWD RPSASRRRSPSKNRGLCNGNLVDIFSKVRIFGLKKRRLRRQDPQLKG IVTRL YCRQGYLLQMHPD GALDGT KDDSTNSTLFNLIPVGLRVVAIQGVKTGLYIAMNGEGYLYPSELFT PECKFKESVFENYYVIYSSMLYRQQESGRAWFLGLNKEGQAMKGNRVKKTKPAAHFLPKPLEVAMYREPS LHDVGETV PKPGVTPSKSTSASAIMNGGKPVNKS KTT</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	27.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_004106</u>
Locus ID:	2259



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UniProt ID: [Q92915](#)

RefSeq Size: 890

Cytogenetics: 13q33.1

RefSeq ORF: 741

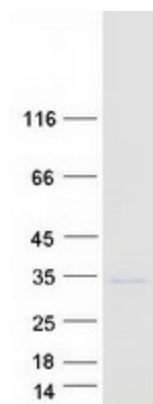
Synonyms: FGF-14; FHF-4; FHF4; SCA27

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. A mutation in this gene is associated with autosomal dominant cerebral ataxia. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2008]

Protein Families: Secreted Protein

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

Product images:



Coomassie blue staining of purified FGF14 protein (Cat# [TP319002]). The protein was produced from HEK293T cells transfected with FGF14 cDNA clone (Cat# [RC219002]) using MegaTran 2.0 (Cat# [TT210002]).