

Product datasheet for **TP319002**

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, 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC219002 representing NM_004115
Red=Cloning site **Green**=Tags(s)

MAAAIASGLIRQKRQAREQHWDRPSASRRRSPSKNRGLCNGNLVDIFSKVRIFGLKKRRLRRQDPQLKG
IVTRLYCRQGYLQMHDPDGDGDKDDSTNSTLFNLIPVGLRWVAIQGVKTGLYIAMNGEGYLYPSELF
PECKFKESVFENYYVIYSSMLYRQQESGRAWFLGLNKEGQAMKGNRVKKTKPAAHFLPKPLEVAMYREPS
LHDVGETVPGVTPSKSTSASAIMNNGGKPVNKSKT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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: [NP_004106](#)
Locus ID: 2259
UniProt ID: [Q92915](#)



[View online »](#)

RefSeq Size: 890

Cytogenetics: 13q33.1

RefSeq ORF: 741

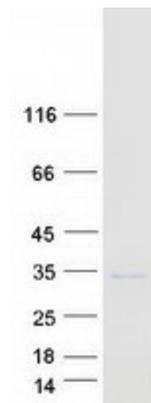
Synonyms: FGF-14; FHF-4; FHF4; SCA27

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]).