

## Product datasheet for **TP319002L**

### 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, 1 mg  
**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

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**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](#)



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RefSeq Size: 890

Cytogenetics: 13q33.1

RefSeq ORF: 741

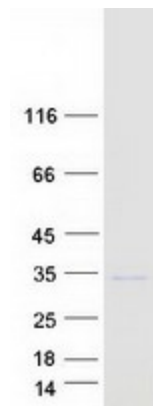
Synonyms: FGF-14; FHF-4; FHF4; SCA27

**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]).