

## Product datasheet for **TP310724M**

### **RFTN2 (NM\_144629) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human raftlin family member 2 (RFTN2), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC210724 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MGCGLRKLEDPDDSSPGKIFSTLKRQVETKTEFAYEYVLLDFTLQASSNPEVIKINSILDIVTKVENYY  
LKGIVGAIHPVIQPVGQRKHLPAASYLYRVLLRLKLSPKNSAAPSGQRRPRLVIEECPLTSEAQTNDAA  
KELIEKINVAAKRGMKFVGFISQHYSPSKFCNGTNDHGDIESMLHVRHGSDENCRSWNEGTLSGQSSSEG  
IEEELHHESGQYQMEQNGSPTSSKSRKGEASDNKLYTVFNAFDDDDSTSWAYQEGILSMKVTRKGSVISTL  
DADWLELTTFYKQGLSLIDSFVFWETSKGEHLPKSLEGFFIYEEEGSGVPGSSRKGNDAIVVEQWTVIE  
GCEIKTDYGPLLHTLAIEFGWLLTSVLPTPVLRLHDSSEGNLTKQIVFLQRPVMWNSAAQTPDKKASRHIKG  
EDKNKATSRSIGLDTTSSQPAESRHLPEECRLSPSRECWTKEGRLAQHNSFGSFGSSSDNVLELDDGQFD  
QEDGVTQVTCM

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 55.7 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.

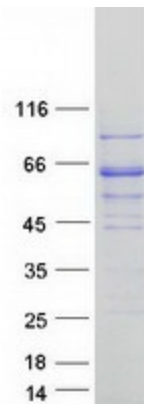
**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	<u>NP_653230</u>
Locus ID:	130132
UniProt ID:	<u>Q52LD8</u>
RefSeq Size:	3131
Cytogenetics:	2q33.1
RefSeq ORF:	1503
Synonyms:	C2orf11; Raftlin-2
Summary:	Upon bacterial lipopolysaccharide stimulation, mediates clathrin-dependent internalization of TLR4 in dendritic cells, resulting in activation of TICAM1-mediated signaling and subsequent IFNB1 production. May regulate B-cell antigen receptor-mediated signaling.[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified RFTN2 protein (Cat# [TP310724]). The protein was produced from HEK293T cells transfected with RFTN2 cDNA clone (Cat# [RC210724]) using MegaTran 2.0 (Cat# [TT210002]).