

## Product datasheet for TP300231L

### Flotillin 1 (FLOT1) (NM\_005803) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human flotillin 1 (FLOT1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200231 protein sequence Red=Cloning site Green=Tags(s)

MFFTCGPNEAMWVSGFCRSPVVMVAGGRVFLPCIQQIQRISLNTLTLNVKSEKVYTRHGVPISVTGIAQ  
VKIQGQNKEMLAACQMFLGKTEAEIAHIALETLEGHQRAIMAHMTVEEIKDRQKFSEQVFKVASSDLV  
NMGISVVSYTLKDIHDDQDYLSLHGKARTAQVQKQDARIGEAEAKRDAGIREAKAKQEKVSAQYLSEIEMA  
KAQRDYELKKAAYDIEVNTRRAQADLAYQLQVAKTKQIEEQRVQVQVVERAQQVAVQEIEARREKELE  
ARVRKPAEAERYKLERLAEAEKSQLIMQAEAEAASVRMRGEAEFAIGARARAEAEQMAKKAFAFQLYQE  
AAQLDMLLEKLPQVAEEISGPLTSANKITLVSSSGSGTMGAAKVTGEVLDILTRLPEVERLTGVSISQVN  
HKPLRTA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	47.2 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><a href="#">NP_005794</a></u>



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Locus ID: 10211

UniProt ID: [O75955](#), [Q5ST80](#)

RefSeq Size: 1839

Cytogenetics: 6p21.33

RefSeq ORF: 1281

**Summary:** This gene encodes a protein that localizes to the caveolae, which are small domains on the inner cell membranes. This protein plays a role in vesicle trafficking and cell morphology. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]

**Protein Pathways:** Insulin signaling pathway

### Product images:



Coomassie blue staining of purified FLOT1 protein (Cat# [TP300231]). The protein was produced from HEK293T cells transfected with FLOT1 cDNA clone (Cat# [RC200231]) using MegaTran 2.0 (Cat# [TT210002]).