

Product datasheet for **TP300231**

Flotillin 1 (FLOT1) (NM_005803) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human flotillin 1 (FLOT1), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC200231 protein sequence
Red=Cloning site **Green**=Tags(s)

MFFTCGPNEAMVVSFGFCRSPVMVAGGRVFLPCIQQIQRISLNTLTLNVKSEKVYTRHGVPISVTGIAQ
VKIQGQNKEMLAACQMFLGKTEAEIAHIALETLEGHQRAIMAHMTVEEIKDRQKFSEQVFKVASSDLV
NMGISVVSYTLKDIHDDQDYHLHSLGKARTAQVQKDARIGEAEAKRDAGIREAKAKQEKVSAQYLSEIEMA
KAQRDYELKKAAYDIEVNTRRAQADLAYQLQVAKTKQIEEQRVQVQVVERAQQVAVQEIQEIARREKELE
ARVRKPAEAERYKLERLAEAEKSQLIMQAEAEAASVRMRGEAEAFAGARARAEAEQMAKKAEAFQLYQE
AAQLDMLLEKLPQVAEEISGPLTSANKITLVSSGSGTGMGAAKVTGEVLDILTRLPEVERLTGVSISQVN
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: [NP_005794](#)



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Locus ID: 10211
UniProt ID: [O75955](#)
RefSeq Size: 1839
Cytogenetics: 6p21.33
RefSeq ORF: 1281

Summary: This gene encodes an 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]).