

Product datasheet for TP300231L

OriGene Technologies, Inc.

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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 >RC200231 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MFFTCGPNEAMVVSGFCRSPPVMVAGGRVFVLPCIQQIQRISLNTLTLNVKSEKVYTRHGVPISVTGIAQ VKIQGQNKEMLAAACQMFLGKTEAEIAHIALETLEGHQRAIMAHMTVEEIYKDRQKFSEQVFKVASSDLV NMGISVVSYTLKDIHDDQDYLHSLGKARTAQVQKDARIGEAEAKRDAGIREAKAKQEKVSAQYLSEIEMA KAQRDYELKKAAYDIEVNTRRAQADLAYQLQVAKTKQQIEEQRVQVQVVERAQQVAVQEQEIARREKELE ARVRKPAEAERYKLERLAEAEKSQLIMQAEAEAASVRMRGEAEAFAIGARARAEAEQMAKKAEAFQLYQE AAQLDMLLEKLPQVAEEISGPLTSANKITLVSSGSGTMGAAKVTGEVLDILTRLPESVERLTGVSISQVN

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





Locus ID: 10211

UniProt ID: <u>075955</u>, <u>Q5ST80</u>

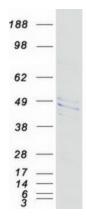
RefSeq Size: 1839 Cytogenetics: 6p21.33 RefSeq ORF: 1281

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]).