

Product datasheet for PH300231

Flotillin 1 (FLOT1) (NM_005803) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FLOT1 MS Standard C13 and N15-labeled recombinant protein (NP_005794)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200231
Predicted MW:	47.4 kDa
Protein Sequence:	>RC200231 protein sequence Red=Cloning site Green=Tags(s)

MFFTCGPNEAMVVSFGFCRSPVMVAGGRVFLPCIQIQRISLNTLTLNVKSEKVYTRHGVPISVTGIAQ
YKIQGQNKEMLAACQMFLGKTEAEIAHIALETLEGHQRAIMAHMTVEEIKDRQKFSEQVFKVASSDLV
NMGISVSVSYTLKDIHDDQDYLHSLGKARTAQVQKDARIGEAERDAGIREAKAKQEKVSAQYLSEIEMA
KAQRDYELKKAAYDIEVNTRRAQADLAYQLQVAKTKQQIEEQRVQVQVVERAQQVAVQEIEARREKELE
ARVRKPAEAERYKLERLAEAEKSQLIMQAEAAASVVRMRGEAEAFAGARARAEAEQMAKKAFAFLYQE
AAQLDMLLEKLPQVAEEISGPLTSANKITLVSSGSGTMGAAKVTGEVLDILTRLPEVERLTGVSISQVN
HKPLRTA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_005794</u>
RefSeq Size:	1839
RefSeq ORF:	1281
Locus ID:	10211



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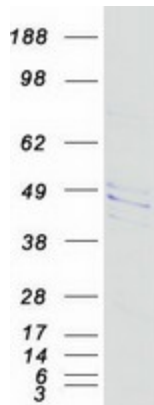
UniProt ID: [O75955](#), [Q5ST80](#)

Cytogenetics: 6p21.33

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]).