

Recombinant Full Length Human FLOT1 Protein, C-Flag-tagged

Cat. No. FLOT1-202HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human FLOT1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	47.2 kDa
AA Sequence	MFFTCGPNEAMVVSGFCRSPPMVAGGRVFLPCIQQIQRISLNTLTINVKSEKVYT RHGVPISVTGIAQ VKIQGQNKEMLAACQMFLGKTEAEIAHIALETLEGHQRAIMAH MTVEEIIYKDRQKFSEQVFKVASSDLV NMGISVVSYTLKDIHDDQDYLHSLGKARTAQ VQKDARIGEAEAKRDAGIREAKAKQEKVSAQYLSEIEMA KAQRDYELKKAAYDIEVN TRRAQADLAYQLQVAKTKQQIEEQRVQVQVVERAQQVAVQEQEIARREKELE ARV RKPAEAERYKLERLAEAEKSQLIMQAEAEAASVRMRGEAEFAIGARARAEAEQMA KKAEAFQLYQE AAQLDMLLEKLPQVAEEISGPLTSANKITLVSSGSGTMGAAKVTGE VLDILTRLPEVERLTGVSISQVN HKPLRTATRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Insulin signaling pathway
Full Length	Full L.

GENE INFORMATION

Gene Name	FLOT1 flotillin 1 [Homo sapiens (human)]
Official Symbol	FLOT1
Synonyms	flotillin 1; integral membrane component of caveolae; OTTHUMP00000029208
Gene ID	10211
mRNA Refseq	NM_005803.4
Protein Refseq	NP_005794.1
MIM	606998

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UniProt ID

O75955



Coomassie blue staining of purified FLOT1 protein.

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