

Recombinant Full Length Human FLOT2 Protein, C-Flag-tagged

Cat. No. FLOT2-1555HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human FLOT2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Caveolae are small domains on the inner cell membrane involved in vesicular trafficking and signal transduction. This gene encodes a caveolae-associated, integral membrane protein, which is thought to function in neuronal signaling.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	46.9 kDa
AA Sequence	MGNCHTVGPNEALVVSGGCCGSDYKQYVFGGWAWAWWCISDTQRISLEIMTLQP RCEDVETAEGVALTVT GVAQVKIMTEKELLAVACEQFLGKNVQDIKNVVLQTLEGHL RSILGTLTVEQIYQDRDQFAKLVREVAAP DVGRMGIEILSFTIKDVYDKVDYLSSLGK TQTAVVQRDADIGVAEAERDAGIREAECKKEMLDVKFMADT KIADSKRAFELQKSA FSEEVNIKTAEAQLAYELQGAREQQKIRQEEIEIEVVQRKKQIAVEAQEILRTDK ELIA TVRRPAEAEAHRIQQIAEGEKVKQVLLAQAEAEKIRKIGEAEAAVIEAMGKAEARMK LKAEAYQK YGDAAKMALVLEALPQIAAKIAAPLTKVDEIVVLSGDNSKVTSEVNRLLA ELPASVHALTGVDLSKIPLI KKATGVQVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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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 Families	Druggable Genome
Protein Pathways	Insulin signaling pathway
Full Length	Full L.

GENE INFORMATION

Gene Name	FLOT2 flotillin 2 [Homo sapiens (human)]
Official Symbol	FLOT2
Synonyms	ESA; ECS1; ESA1; ECS-1; M17S1
Gene ID	2319
mRNA Refseq	NM_004475.3
Protein Refseq	NP_004466.2

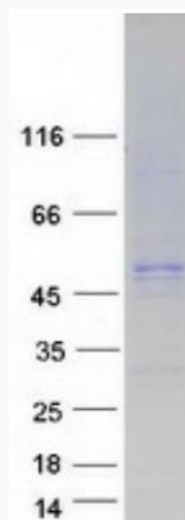
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MIM 131560

UniProt ID Q14254



Coomassie blue staining of purified FLOT2 protein.

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