

Recombinant Human FLOT2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FLOT2-934H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FLOT2 MS Standard C13 and N15-labeled recombinant protein (NP_004466) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	46.9 kDa
AA Sequence	MGNCHTVGPNEALVVSGGCCGSDYKQYVFGGWAWAWWCISDTQRISLEIMTLQP RCEDVETAEGVALTVTGVAQVKIMTEKELLAVACEQFLGKNVQDIKNVVLQTLEGHL RSILGTLTVEQIYQDRDQFAKLVREVAAPDVGRMGIEILSFTIKDVYDKVDYLSSLGKT QTAVVQRDADIGVAEAERDAGIREAECKKEMLDVKFMADTKIADSKRAFELQKSAFS EEVNIKTAEAYLQAYELQGAREQQKIRQEEIEIEVVQRKKQIAVEAQEILRTDKELIATV RRPAEAEAHRIQQIAEGEKVKQVLLAQAEAEKIRKIGEAEEAAVIEAMGKAEARMKLK AEAYQKYGDAKMALVLEALPQIAAKIAAPLTKVDEIVVLSGDNSKVTSEVNRLLAEL PASVHALTGVDLSKIPLIKKATGVQVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

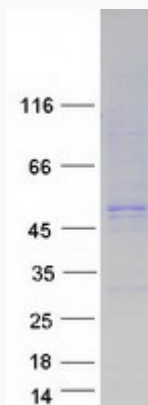
GENE INFORMATION

Gene Name	FLOT2 flotillin 2 [Homo sapiens (human)]
Official Symbol	FLOT2
Synonyms	FLOT2; flotillin 2; M17S1; flotillin-2; ECS 1; ECS1; ESA; ESA1; Flotillin 2 (epidermal surface antigen 1); membrane component; chromosome 17; surface marker 1 (35kD protein identified by monoclonal ECS 1); epidermal surface antigen; membrane component chromosome 17 surface marker 1; membrane component, chromosome 17, surface marker 1 (35kD protein identified by monoclonal ECS-1); ECS-1;
Gene ID	2319
mRNA Refseq	NM_004475
Protein Refseq	NP_004466
MIM	131560
UniProt ID	Q14254

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SDS-PAGE

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