

Recombinant Human TOM1L2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TOM1L2-885H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TOM1L2 MS Standard C13 and N15-labeled recombinant protein (NP_001076437) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene belongs to a small gene family whose members have an N-terminal VHS domain followed by a GAT domain; domains which typically participate in vesicular trafficking. The canonical protein encoded by this gene also has a C-terminal clathrin binding motif. This protein has been shown to interact with Tollip, clathrin and ubiquitin and is thought to play a role in endosomal sorting. This gene resides in the 3.7 Mb deletion of chromosome region 17p11.2 that is associated with Smith-Magenis syndrome. Alternative splicing results in multiple transcript variants encoding distinct proteins.
Molecular Mass	55.4 kDa
AA Sequence	MEFLGNPFSTPVGQCLEKATDGSLQSEDWTLNMEICDIINETEEGPKDAIRALKKRL NGNRNYREVMLALTVLETCVKNCGHRFHILVANRDFIDSVLVKIISPKNNPPTIVQDK VLALIQA WADAFRSSPDLTGVVHIYEELKRKGVEFPMADLDALSPIHTPQRSVPEVD PAATMPRSQSQQRTSAGSYSSPPPAPYSAPQAPALSVTGPIITANSEQIARLRSELDV VRGNTKVMSEMLTEMVPGQEDSSDLELLQELNRTC RAMQQRIVELISRVSNEEVTE

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ELLHVNDLNNVFLRYERFERYRSGRSVQNASNGVLNEVTEDNLIDLPGSPAVVS
PMVGNTAPPSSLSSQLAGLDLGTESVSGTLSSLQQCNPRDGFDMFAQTRGNSLAE
QRKTVTYEDPQAVGGLASALDNRKQSSEGIPVAQPSVMDDIEVWLRTDLKGDDLEE
GVTSEEFDKFLEERAKAAEMVPDLPSPPMEAPAPASNPSGRKKPERSEDALFALTR
TRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

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 TOM1L2 target of myb1 like 2 membrane trafficking protein [Homo sapiens (human)]

Official Symbol TOM1L2

Synonyms TOM1L2; target of myb1-like 2 (chicken); target of myb1 (chicken) homolog like 1;

Gene ID 146691

mRNA Refseq NM_001082968

Protein Refseq NP_001076437

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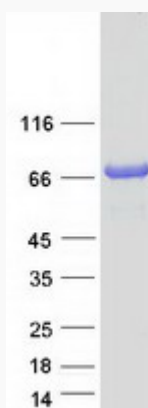
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MIM 615519

UniProt ID Q6ZVM7

SDS-PAGE



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