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Product datasheet for PH319271

TOM1L2 (NM_001082968) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TOM1L2 MS Standard C13 and N15-labeled recombinant protein (NP_001076437)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219271
Predicted MW:	55.4 kDa
Protein Sequence:	>RC219271 representing NM_001082968 Red=Cloning site Green=Tags(s) MEFLLGNPFSTPVGQCLEKATDGSLQSEDWTLNMEICDIINETEEGPKDAIRALKKRLNGNRNYREVMLA LTVLETCVKNCGHRFHILVANRDFIDSVLVKIISPKNNPPTIVQDKVLALIQAWADAFRSSPDLTGVVHI YEELKRKGVEFPMADLDALSPIHTPQRSVPEVDPAATMPRSQSQQRTSAGSYSSPPPAPYSAPQAPALSV TGPITANSEQIARLRSELDVVRGNTKVMSEMLTEMVPGQEDSSDLELLQELNRTCRAMQQRIVELISRVS NEEVTEELLHVNDDLNNVFLRYERFERYRSGRSVQNASNGVLNEVTEDNLIDLGPGSPAVVSPMVGNTAP PSSLSSQLAGLDLGTESVSGTLSSLQQCNPRDGFDMFAQTRGNSLAEQRKTVTYEDPQAVGGLASALDNR KQSSEGIPVAQPSVMDDIEVWLRTDLKGDDLEEGVTSEEFDKFLEERAKAAEMVPDLPSPPMEAPAPASN PSGRKKPERSEDALFAL 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	NP_001076437
RefSeq Size:	5825
RefSeq ORF:	1521

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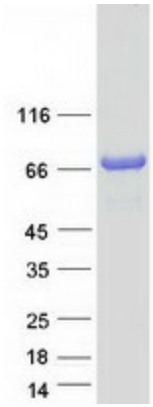
Locus ID: 146691

UniProt ID: Q6ZVM7

Cytogenetics: 17p11.2

Summary: 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. [provided by RefSeq, Apr 2017]

Product images:



Coomassie blue staining of purified TOM1L2 protein (Cat# [TP319271]). The protein was produced from HEK293T cells transfected with TOM1L2 cDNA clone (Cat# [RC219271]) using MegaTran 2.0 (Cat# [TT210002]).

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