

Product datasheet for PH321686

TOR1AIP1 (NM_015602) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TOR1AIP1 MS Standard C13 and N15-labeled recombinant protein (NP_056417)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221686
Predicted MW:	66.1 kDa
Protein Sequence:	>RC221686 representing NM_015602 Red =Cloning site Green =Tags(s)

MAGDGRRAEAVREGWGVYVTPRAPIREGRGRLAPQNGGSSDAPAYRTPPSRQGRREVRFSDPEPEVYGDF
 EPLVAKERSPVGKRTRLEEFSDSAKEEVRESAYYLSRQRRQPRPQETEEKTRTRTTLQQQHSEQPPL
 QPSPVMTRRGLRDSHSSSEDEASSQTDLSQTISKKTVRSIQEAPVSEDLVIRLRPPLRYPRYEATSVQQ
 KVNFSSEGETEEDDQDSSHSSVTTVKARSRDSDESGDKTRSSSQYIESFWQSSSQNFHTADKQPSVLS
 SGYQKTPQEWAPQTARITRMQNDLSILKSELGNQSPSTSSRQVTGQPQNASFVKRNRWLLPLIALASG
 SFWFFSTPEVETTAVQEFQNMNQLKNKYQGQDEKLWKRSTFLEKHLNSSHPRSQPAILLTAAARDAEE
 ALRCLSEQIADAYSSFRSVRAIRIDGTDKATQSDTVKLEVDQELSNFGKNGQNAAVVHRFESFPAGSTL
 IFYKYCDHENAFAKDVALLTVLLEETLGTSLGLKEVEEKVRDFLKVKFTNSNTPNSYNHMDPKLNGL
 WSRISHLVLPVQPENALKRGICL

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_056417
RefSeq Size:	3824
RefSeq ORF:	1749


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Synonyms: LAP1; LAP1B; LAP1C; LGMD2Y

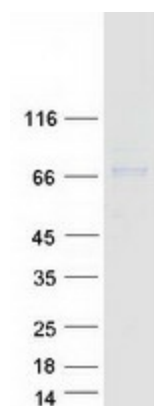
Locus ID: 26092

UniProt ID: [Q5JTV8](#)

Cytogenetics: 1q25.2

Summary: This gene encodes a type 2 integral membrane protein that binds A- and B-type lamins. The encoded protein localizes to the inner nuclear membrane and may be involved in maintaining the attachment of the nuclear membrane to the nuclear lamina during cell division. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Apr 2016]

Product images:



Coomassie blue staining of purified TOR1AIP1 protein (Cat# [TP321686]). The protein was produced from HEK293T cells transfected with TOR1AIP1 cDNA clone (Cat# [RC221686]) using MegaTran 2.0 (Cat# [TT210002]).