

Recombinant Human TOR1B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TOR1B-4734H Lot. No. (See product label)

SPECIFICATION

Product Overview	TOR1B MS Standard C13 and N15-labeled recombinant protein (NP_055321) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is an ATPase found primarily in the endoplasmic reticulum and nuclear envelope. This gene has a highly-similar neighboring gene, TOR1A, that encodes a protein that is likely to interact in a complex with this protein. Finally, this protein may act as a chaperone and play a role in maintaining the integrity of the nuclear envelope and endoplasmic reticulum. Several transcript variants, some protein-coding and others non-protein coding, have been found for this gene.
Molecular Mass	38 kDa
AA Sequence	MLRAGWLRGAAALALLAARVVAAFEPITVGLAIGAASAITGYLSYNDIYCRFAECCR EERPLNASALKLDLEEKLFQGHLATEVIFKALTGFRNNKNPKKPLTSLHGWAGTGK NFVSQIVAENLHPKGLKSNFVHLFVSTLHFPHEQKIKLYQDQLQKWIRGNVSACANS VFIFDEMDKLHPGIIDAIPFLDYEQVDGVSYRKAIFIFLSNAGGDLITKTALDFWRAG RKREDIQLKDLEPVLVSVGVFNNKHSGLWHSGLDKNLIDYFIPFLPLEYRHVKMCVRA EMRARGSAIDEDIVTRVAEEMTFFPRDEKIYSDKGCKTVQSRLDHFHTRTRPLEQKLIS

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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.

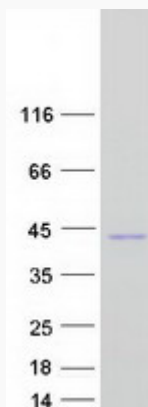
GENE INFORMATION

Gene Name	TOR1B torsin family 1 member B [Homo sapiens (human)]
Official Symbol	TOR1B
Synonyms	TOR1B; torsin family 1, member B (torsin B); torsin-1B; DQ1; MGC4386; torsin family 1 member B;
Gene ID	27348
mRNA Refseq	NM_014506
Protein Refseq	NP_055321
MIM	608050
UniProt ID	O14657

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SDS-PAGE

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