

Product datasheet for **TP304937M**

Torsin B (TOR1B) (NM_014506) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human torsin family 1, member B (torsin B) (TOR1B), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204937 protein sequence Red =Cloning site Green =Tags(s)
	MLRAGWLRGAAALALLAARVVAAFEPITVGLAIGAASAITGYLSYNDIYCRFAECCREERPLNASALKL DLEEKLFQGHLATEVIFKALTGFRNNKNPKKPLTSLHGWAGTGKNFVSQIVAENLHPKGLKSNFVHLFV STLHFPHEQKIKLYQDQLQKWIRGNVSACANSVFIFDEMDDLHPGIIDAIKPFLDYEQVDGVSYRKAIF IFLSNAGGDLITKTALDFWRAGRKREDIQLKDLEPVLVSGVFNNKHSGLWHSGLDKNLIDYFIPFLPLE YRHVKMCVRAEMRARGSAIDEDIVTRVAEEMTFFPRDEKIYSDKGCKTVQSRDLFH
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	37.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_055321</u>
Locus ID:	27348



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UniProt ID: [O14657](#)

RefSeq Size: 2774

Cytogenetics: 9q34.11

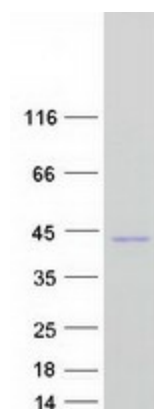
RefSeq ORF: 1008

Synonyms: DQ1

Summary: 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. [provided by RefSeq, Dec 2015]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified TOR1B protein (Cat# [TP304937]). The protein was produced from HEK293T cells transfected with TOR1B cDNA clone (Cat# [RC204937]) using MegaTran 2.0 (Cat# [TT210002]).