

Product datasheet for **TP301554M**

Ribophorin I (RPN1) (NM_002950) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human ribophorin I (RPN1), 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC201554 protein sequence Red =Cloning site Green =Tags(s) |

MEAPAAGLFLLLLLGTWAPAPGSASSEAPPLINEDVKRTVDLSSHLAKVTAEVVLAHLGGGSTRATSFL
LALEPELEARLAHLGVQVKGEDEEENNLEVRETKIKGKSGRFFTVKLPVALDPGAKISVIVETVYTHVLH
PYPTQITQSEKQFVWFEFNHYFYSPYPTKTQTMRVKLASRNVESYTKLGNPTRSEDLDDYGPFRDVPAYS
QDTFKVHYENNSPFLTITSMTRVIEVSHWGNIAVEENVLDLKHGTGAVLKGPFSRYDYQRQPDSSGISSRSF
KTILPAAAQDVYYRDEIGNVSTSHLLILDDSVEMEIRPRFPLFGGWKTHYIVGYNLPSYEYLYNLGDQYA
LKMRFVDHVFDEQVIDSLTVKIILPEGAKNIEIDSPYEISRAPDELHYTYLDTFGRPVIVAYKKNLVEQH
IQDIVVHYTFNKVLMMLQEPLLVAIFYLFFTVIIVRLDFSITKDPAAEARMKVACITEQVLTLVNKR
GLYRHFDETVNRYKQSRDISTLNSGKKSLETEHKALTSEIALLQSRLKTEGSDLCDRVSEMQLDAQVKE
LVLKSAVEAERLVAGLKKDITYIENEKLSIGKRQELVTKIDHILDAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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| Tag: | C-Myc/DDK |
| Predicted MW: | 66.2 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. |



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|--------------------------|---|
| 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: | NP_002941 |
| Locus ID: | 6184 |
| UniProt ID: | P04843 |
| RefSeq Size: | 2372 |
| Cytogenetics: | 3q21.3 |
| RefSeq ORF: | 1821 |
| Synonyms: | OST1; RBPH1 |
| Summary: | This gene encodes a type I integral membrane protein found only in the rough endoplasmic reticulum. The encoded protein is part of an N-oligosaccharyl transferase complex that links high mannose oligosaccharides to asparagine residues found in the Asn-X-Ser/Thr consensus motif of nascent polypeptide chains. This protein forms part of the regulatory subunit of the 26S proteasome and may mediate binding of ubiquitin-like domains to this proteasome. [provided by RefSeq, Jul 2008] |
| Protein Families: | Transmembrane |
| Protein Pathways: | Metabolic pathways, N-Glycan biosynthesis |

Product images:



Coomassie blue staining of purified RPN1 protein (Cat# [TP301554]). The protein was produced from HEK293T cells transfected with RPN1 cDNA clone (Cat# [RC201554]) using MegaTran 2.0 (Cat# [TT210002]).