

Product datasheet for **TP301554**

Ribophorin I (RPN1) (NM_002950) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ribophorin I (RPN1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201554 protein sequence Red =Cloning site Green =Tags(s)

MEAPAAGLFLLLLGTWAPAPGSASSEAPPLINEDVKRTVDLSSHLAKVTAEVVLAHLGGGSTRATSFL
LALEPELEARLAHLGVQVKGEDEEENNLEVRETKIKGKSGRFFTVKLPVALDPGAKISVIVETVYTHVLH
PYPTQITQSEKQFVVFEGNHYFYSPYPTKTQTMRVKLASRNVESYTKLGNPTRSEDLIDYGPFDPAYS
QDTFKVHYENNSPFLTITSMTRVIEVSHWGNIAVEENVDLKHTGAVLKGPFSRYDYQRQPDSSGIRSF
KTILPAAQDVYYRDEIGNVSTSHLLILDDSVEMEIRPRFPLFGGWKTHYIVGYNLPSYEYLYNLGDQYA
LKMRFVDHVFDEQVIDSLTVKIILPEGAKNIEIDSPYEISRAPDELHYTYLDTFGRPVIVAYKKNLVEQH
IQDIVVHYTFNKVLMQLQEPLLVAIFYLFFTVIIVRLDFSITKDPAAEARMKVACITEQVLTLVNKR
GLYRHFDETVNRYKQSRDISTLNSGKKSLETEHKALTSEIALQSRKTEGSDLCDRVSEMQKLDAQVKE
LVLKSAVEAERLVAGKLKDDTYIENEKLISGKRQELVTIKIDHILDAL

TRTRPLE**QKLISEEDLAANDILDYKDDDDKV**

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:	<u>NP_002941</u>
Locus ID:	6184
UniProt ID:	<u>P04843</u>
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]).