

## Product datasheet for **TP305852M**

### Ribophorin II (RPN2) (NM\_002951) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ribophorin II (RPN2), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205852 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAPPGSSTVFLALTIIASTWALTPTHYLTKHDVERLKASLDRPFTNLESAFYISIVGLSSLGAQVPDAKK  
ACTYIRSNLDPSNVDSLFYAAQASQALSGCEISISNETKDLLLAAVSESSVTQIYHAVAALSGFGLPLA  
SQEALSALTARLSKEETVLATVQALQTASHLSQQADLRISVEEIEDLVARLDELGGVYLQFEEGLETTAL  
FVAATYKLMDHVGTPEPSIKEDQVIQLMNAIFSKKNFESLSEAFSVASAAAVLSHNRYHVPVWVPEGSAS  
DTHEQAILRLQVTNVLSQPLTQATVKLEHAKSVASRATVLQKTSFTPVGDFELNFMNVKFSSGGYDFLV  
EVEGDNRYIANTVELRVKISTEVGITNVDLSTVDKQSIAPKTTRVTYPAKAKGTFIADSHQNFFLFFQL  
VDVNTGAELTPHQTFRVRLHNQKTGQEVVFAEPDNKNVYKFELDTSERKIEFDSASGTYTLYLIIGDATL  
KNPILWNVADVVIKPEEEAPSTVLSQNLFTPQKEIQHLFREPEKRPPTVVSNTFTALILSPLLLLFALW  
IRIGANVSNFTFAPSTIIFHLGHAAMLGLMYYVWTQLNMFQTLKYLAILGSVTFLAGNRMLAQQAVKRTA  
H

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	67 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\\_002942](#)

**Locus ID:** 6185

**UniProt ID:** [P04844](#)

**RefSeq Size:** 2538

**Cytogenetics:** 20q11.23

**RefSeq ORF:** 1893

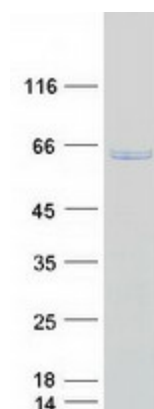
**Synonyms:** RIBIIR; RPN-II; RPNII; SWP1

**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 is similar in sequence to the yeast oligosaccharyl transferase subunit SWP1. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2008]

**Protein Families:** Transmembrane

**Protein Pathways:** Metabolic pathways, N-Glycan biosynthesis

### Product images:



Coomassie blue staining of purified RPN2 protein (Cat# [TP305852]). The protein was produced from HEK293T cells transfected with RPN2 cDNA clone (Cat# [RC205852]) using MegaTran 2.0 (Cat# [TT210002]).