

Product datasheet for **TP305852**

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, 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC205852 protein sequence
Red=Cloning site **Green**=Tags(s)

MAPPGSSTVFLALTIIASTWALTPTHYLTKHDVERLKASLDRPFTNLESAFYISIVGLSSLGAQVPDAKK
ACTYIRSNLDPSNVDSL FYAAQASQALSGCEISISNETKDLLLAAVSESSVTQIYHAVAALSGFGLPLA
SQEALSALTARLSKEETVLATVQALQTASHLSQQADLR SIVEEIEDLVARLDELGGVYLQFEEGLETTAL
FVAATYKLM DHVGT E P S I K E D Q V I Q L M N A I F S K K N F E L S E A F S V A S A A A V L S H N R Y H V P V W W P E G S A S
DTHEQAILRLQVTNVLSQPLTQATVKLEHAKSVASRATVLQKTSFTPVGDFELNFMNVKFSSGGYDFLV
EVEGDNRYIANTVELRVKISTEVGITNVDLSTVDKQSIAPKTTRVTYPAKAKGTFIADSHQN FALFFQL
VDVNTGAELTPHQT FVRLHNQKTGQEVVFAEPDNKNVYKFELDTSERKIEFDSASGTYTLYLIIGDATL
KNPILWNVADVVIKFPEEEAPSTVLSQNLFTPQEIQLHFREPEKRPPTVVSNTFTALILSP L L L L FALW
IRIGANVSNFTFAPSTIIFHLGHAAMLGLM V Y W T Q L N M F Q T L K Y L A I L G S V T F L A G N R M L A Q Q A V K R T A
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

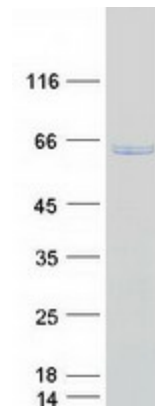
Synonyms: RIBIIR; RPN-II; RPNII; SWP1

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]).