

Recombinant Full Length Human RPN2 Protein

Cat. No. RPN2-441HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Ribophorin II with N-terminal proprietary tag. Predicted MW 94.48 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	631 amino acids
Description	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.
Form	Liquid
Molecular Mass	95.480kDa inclusive of tags
AA Sequence	MAPPGSSTVFLLALTIIASTWALTPHYLTKHDVERLKAS LDRPFTNLESAFYISIVGLS SLGAQVPDAKKACTYIRSN LDPSNVDSLFYAAQASQALSGCEISISNETKDLLLLAAVS E DSSVTQIYHAVAALSGFGLPLASQEALSALTARLSKEE TVLATVQALQTASHLSQQ ADLR SIVEEIEDLVARLDEL GGVYLQFEEGLETTALFVAATYKLM DHVGT EPSIKEDQ

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VI QLMNAIFSKKNFESLSEAFSVASAAVLSHNRYHVPV VVPEGSASDTHEQAILR
 LQVTNVLVSQPLTQATVKLEHA KSVASRATVLQKTSFTPVGDFELNFMNVKFSSGY
 YDFLV EVEGDNRYIANTVELRVKISTEVGITNVDLSTVDKDQS IAPKTTRVTYPAAKAK
 GTFIADSHQNFAFFQLVDVNTG AELTPHQTFVRLHNQKTGQEVVFVAEPDNKNVY
 KFELDTS ERKIEFDSASGTYTLYLIIGDATLKNPILWNVADVVIK FPEEEAPSTVLSQN
 LFTPKEIQHLFREPEKRPPTVVS NTFTALILSPLLLLFWIRIGANVSNFTFAPSTIIF
 HLG HAAMLGLMYVYWTQLNMFQTLKYLAIGSVTFLAGNRM LAQQAVKRTAH

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name [RPN2 ribophorin II \[Homo sapiens \]](#)

Official Symbol [RPN2](#)

Synonyms RPN2; ribophorin II; dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2; RIBIIR; RPN II; RPNII; SWP1

Gene ID [6185](#)

mRNA Refseq [NM_002951](#)

Protein Refseq [NP_002942](#)

MIM [180490](#)

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UniProt ID

P04844

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