

# Recombinant Full Length Human RPN2 Protein

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human Ribophorin II with N-terminal proprietary tag. Predicted MW 94.48 kDa.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	631 amino acids
<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	95.480kDa inclusive of tags
<b>AA Sequence</b>	MAPPGSSTVFLALTIIASTWALTPHYLTKHDVERLKAS LDRPFTNLESAFYISIVGLS SLGAQVPDAKKACTYIRSN LDPSNVDSL FYAAQASQALSGCEISISNETKDLLLA AVS E DSSVTQIYHAVAALSGFGLPLASQEALSALTARLSKEE TVLATVQALQTASHLSQQ ADLR SIVEEIEDLVARLDEL GGVYLQFEEGLETTALFVAATYKLM DHVGT E P S I K E D Q

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VI QLMNAIFSKKNFESLSEAFSVASAAAVLSHNRYPV VVPEGSASDTHEQAILR  
 LQVTNVLVSQPLTQATVKLEHA KSVASRATVLQKTSFTPVGDFELNFMNVKFSSGY  
 YDFLV EVEGDNRYIANTVELRVKISTEVEGITNVDLSTVDKQDS IAPKTTRVTYPAKAK  
 GTFIADSHQNFALFFQLVDVNTG AELTPHQTFVRLHNQKTGQEVVFAEPDNKNVY  
 KFELDTS ERKIEFDSASGTYTLYLIIGDATLKNPILWNVADVVIK FPEEEAPSTVLSQN  
 LFTPKEIQHLFREPEKRPPTVVS NTFTALILSPLLLL FALWIRIGANVSNFTFAPSTIIF  
 HLG HAAMLGLMYVYWTQLNMFQTLKYLAILGSVTFLAGNRM 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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