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	MAPPGSSTVFLLALTIIASTWALTPTHYLTKHDVERLKAS LDRPFTNLESAFYSIVGLS SLGAQVPDAKKACTYIRSN LDPSNVDSLFYAAQASQALSGCEISISNETKDLLLAAVS E DSSVTQIYHAVAALSGFGLPLASQEALSALTARLSKEE TVLATVQALQTASHLSQQ ADLRSIVEEIEDLVARLDEL GGVYLQFEEGLETTALFVAATYKLMDHVGTEPSIKEDQ

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	VI QLMNAIFSKKNFESLSEAFSVASAAAVLSHNRYHVPVV VVPEGSASDTHEQAILR LQVTNVLSQPLTQATVKLEHA KSVASRATVLQKTSFTPVGDVFELNFMNVKFSSGY YDFLV EVEGDNRYIANTVELRVKISTEVGITNVDLSTVDKDQS IAPKTTRVTYPAKAK GTFIADSHQNFALFFQLVDVNTG AELTPHQTFVRLHNQKTGQEVVFVAEPDNKNVY KFELDTS ERKIEFDSASGTYTLYLIIGDATLKNPILWNVADVVIK FPEEEAPSTVLSQN LFTPKQEIQHLFREPEKRPPTVVS NTFTALILSPLLLLFALWIRIGANVSNFTFAPSTIIF 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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