

Ribophorin II Recombinant Protein | RPN2 recombinant protein

Recombinant Human Ribophorin II

CATALOG # AAA38289	HOST E Coli
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PRODUCT SYNONYMS

Ribophorin II; Recombinant Human Ribophorin II; RPN2 Human; Ribophorin II Human Recombinant; Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2; Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 63 kDa subunit; RIBIIR; RPN-II; Ribophorin-2; RPN2; SWP1; RPNII; RPN2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	The RPN2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl. Sterile filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMLT PTHYLTkHDV ERLKASLDRP FTLNLESAFYS IVGLSSLGAQ VPDAAKACTY IRSNLDPSNV DSLFYAAQAS QALSGCEISI SNETKDLLA AVSEDSSVTQ IYHAVAALSG FGLPLASQEA LSALTARLSK EETVLATVQA LQTASHLSQQ ADLRSIVEEI EDLVARLDEL GGVYLQFEEG LETTALFVAA TYKLMDHVG T EPSIKEDQVI QLMNAIFS KKFESLSEAFS VASAAAVLSH NRYHVPVVVV PEGSASD THE QAILRLQVTN VLSQPLTQAT VKLEHAKSVA SRATVLQKTS FTPVGDFEL NFMNVKFSSG YYDFLVEVEG DNR YIANTVE LRVKISTEVG ITNVDLSTVD KDQSIAPKTT RVTYPAKAKG TFIADSHQNF ALFFQLVDVN TGAELTPHQT FVRLHNQKTG QEVVFAEPD NKNVYKFELD TSERKIEFDS ASGTYTLYLI IGDATLKNPI LWNVADVVIK FPEEEAPSTV LSQNLFTP KQ EIQH LFREPE KRPPTV
Sequence Length	615
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for RPN2 recombinant protein	Description: RPN2 Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 539 amino acids (23-540) and having a molecular mass of 59.2kDa. RPN2 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Introduction: Ribophorin 2 (RPN2) is a dolichyl-diphosphooligosaccharide protein glycosyltransferase subunit 2. The Ribophorin 2 protein is part of an N-oligosaccharyl transferase complex which links high mannose oligosaccharides to asparagine residues found in the Asn-X-Ser/Thr consensus motif of nascent polypeptide chains. RPN2 is analogous in sequence to the yeast oligosaccharyl transferase subunit SWP1.
Product Categories/Family for RPN2 recombinant protein	Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	209413738
NCBI GeneID	6185
NCBI Accession #	NP_001129243.1

NCBI GenBank Nucleotide #	NM_001135771.1
UniProt Accession #	P04844 ; Q5JYR6 ; Q6IBA5 ; Q96E21 ; Q9BUQ3 ; Q9UBE1
Molecular Weight	67,723 Da
NCBI Official Full Name	dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2 isoform 2
NCBI Official Synonym Full Names	ribophorin II
NCBI Official Symbol	RPN2
NCBI Official Synonym Symbols	SWP1; RPNII; RIBIIR; RPN-II
NCBI Protein Information	dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2; dolichyl-diphosphooligosaccharide--protein glycosyltransferase 63 kDa subunit; oligosaccharyltransferase complex subunit (non-catalytic); ribophorin-2
UniProt Protein Name	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2
UniProt Gene Name	RPN2
UniProt Synonym Gene Names	RPN-II
UniProt Entry Name	RPN2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rpn2-recombinant-protein-e-coli/38289>