

RPN2 recombinant protein

RPN2, 23-540aa, Human, His tag, E Coli

CATALOG # AAA48854	HOST E Coli	APPLICATIONS SDS-Page
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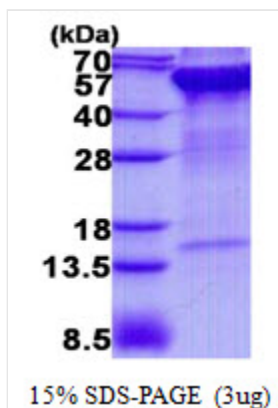
PRODUCT SYNONYMS

RPN2; 23-540aa; Human; His tag; E Coli; Ribophorin II; SWP1; RPNII; RIBIIR; RPN-II; RPN2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol 0.1M NaCl
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHHH SSGLVPRGSH MLTPTHYLTk HDVERLKASL DRPFTNLESA FYSIVGLSSL GAQVPDAKKA CTYIRSNLDP SNVDSL FYAA QASQALSGCE ISISNETKDL LAAVSEDSS VTQIYHAAV LSGFGLPLAS QEALSALTAR LSKEETVLAT VQALQTASHL SQQADLRsiv EEIEDLVARL DELGGVYLQF EEGLETTALF VAATYKLMDH VGTEPSIKED QVIQLMNAIF SKKNFESLSE AFSVASAAAV LSHNRYHVPV VVVPEGSASD THEQAILRLQ VTNVLSQPLT QATVKLEHAK SVASRATVLQ KTSFTPVGDV FELNFMNVKF SSGYYDFLVE VEGDNRYIAN TVELRVKIST EVGITNVDLS TVDKDQSIAP KTTRVTYPAK AKGTFIADSH QNFALFFQLV DVNTGAELTP HQTFVRLHNQ KTGQEVVFVA EPDNKNVYKF ELDTSEKIE FDSASGTYTL YLIIGDATLK NPILWNVADV VIKFPEEEAP STVLSQNLFT PKQEIQHLFR EPEKRPPTV
Sequence Length	631
Applicable Applications for RPN2 recombinant protein	SDS-PAGE
Tag Information	His-tag
Preparation and Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing conditions and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for RPN2 recombinant protein	RPN2, also known as ribophorin 2, is a dolichyl-diphosphooligosaccharide protein glycosyltransferase subunit 2. This 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. It is similar in sequence to the yeast oligosaccharyl transferase subunit SWP1. Recombinant human RPN2 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for RPN2 recombinant protein	Enzymes & Proteases
References	Skarnes WC. et al. (2011) Nature. 474:337-342.; Stoffel M. et al. (1992) Hum Mol Genet. 1:656.

NCBI AND UNIPROT INFORMATION

NCBI GI #	35493916
NCBI GeneID	6185
NCBI Accession #	NP_002942
NCBI GenBank Nucleotide #	NM_002951.4
UniProt Accession #	P04844; Q5JYR6; Q6IBA5; Q96E21; Q9BUQ3; Q9UBE1
Molecular Weight	59.2kDa (539aa)
NCBI Official Full Name	dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2 isoform 1
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
UniProt Protein Name	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2
UniProt Gene Name	RPN2
UniProt Synonym Gene Names	RPN-II

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-sds-page/48854>