

Product information



RPN2, 23-540aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1900

Full name: Ribophorin II

NCBI Accession No.: NP_002942

Synonyms: SWP1, RPNII, RIBIIR, RPN-II

Description: 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.

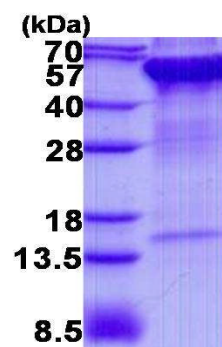
Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol

0.1M NaCl

Molecular Weight: 59.2kDa (539aa)

Purity: > 90% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHH S SGLVPRGSH MLTPTHYLTK HDVERLKASL DRPFTNLESA FYSIVGLSSL GAQVPDAKKA CTYIRSNLDP SNVDSL FYAA
QASQALSGCE I S I SNETKDL LLAAVSEDS VTQIYHAAVA LSGFGLPLAS QEALSALTAR LSKEETVLAT VQALQTASHL SQQADLR SIV
EEIEDLVARL DELGGVYLQF EEGLETTALF VAATYKLM DH VGTEPSIKED QVIQLMNAIF SKKNFESLSE AFSVASAAAV LSHNRYHVPV
VVVPEGSASD THEQA I LRLQ VTNVLSQPLT QATVKLEHAK SVASRATVLQ KTSFTPVGDV FELNFMNVKF SSGYYDFLVE VEGDNRYIAN
TVELRVKIST EVGITNV DLS TVDKDQSIAP KTRRVTPAK AKGTFIADSH QNFALFFQLV DVNTGAELTP HQTFVRLHNG KTGQEVV FVA
EPDNKNVYKF ELDTSERKIE FDSASGTYTL YL I IGDATLK NPILWNVADV VIKFPEEEAP STVLSQNLFT PKQEI QHLFR EPEKR PPTV

General references:

Skarnes WC. *et al.* (2011) *Nature*. 474:337-342.

Stoffel M. *et al.* (1992) *Hum Mol Genet*. 1:656.

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA
Phone: (888) 523-1246 Fax.: (763) 780-2988
Email: info@ibl-america.com Web: www.ibl-america.com