Recombinant human RPN2 protein

Catalog Number: ATGP1900

PRODUCT INFORMATION

Expression system
E.coli

Domain
23-540aa

UniProt No.
P04844

NCBI Accession No.
NP_002942

Alternative Names
Ribophorin II, SWP1, RPNII, RIBIIR, RPN-II

PRODUCT SPECIFICATION

Molecular Weight
59.2 kDa (539aa)

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.1M NaCl

Purity
> 90% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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

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Amino acid Sequence

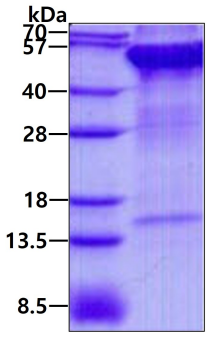
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General References

Skarnes WC. et al. (2011) Nature. 474:337-342.
Stoffel M. et al. (1992) Hum Mol Genet. 1:656.

DATA

SDS-PAGE



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