

Recombinant Human RPN1 protein, His-tagged

Cat. No. RPN1-8053H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RPN1 aa. (Ala24~Ser179 (Accession # P04843)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ala24~Ser179
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 forms part of the regulatory subunit of the 26S proteasome and may mediate binding of ubiquitin-like domains to this proteasome.
Form	Freeze-dried powder
Molecular Mass	21kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.6.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	RPN1 ribophorin I [Homo sapiens (human)]
Official Symbol	RPN1
Synonyms	OST1; RBPH1; RPN-I; dolichyl-diphosphooligosaccharide-protein glycosyltransferase 67 kDa subunit; oligosaccharyltransferase 1 homolog; oligosaccharyltransferase complex subunit (non-catalytic); ribophorin-1; dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1
Gene ID	6184
mRNA Refseq	NM_002950.3

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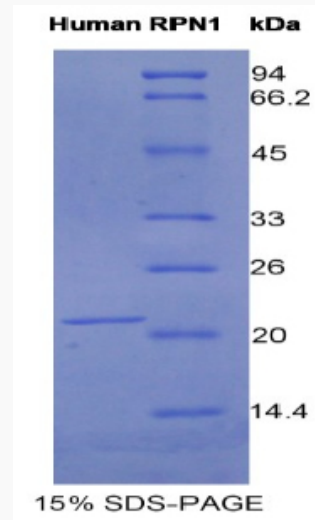
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Protein Refseq NP_002941.1

UniProt ID P04843

SDS-PAGE



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