

Recombinant Human RPN1 protein, His-tagged

Cat. No. RPN1-8055H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RPN1 aa. (Leu308~Glu438 (Accession # P04843)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Leu308~Glu438
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	18kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.6.

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Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. 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. The loss rate 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
Protein Refseq	NP_002941.1

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UniProt ID

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