

## Recombinant Human RPN1 protein, GST-tagged

**Cat. No.** RPN1-5217H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RPN1 protein(P04843)(44-427aa), fused to N-terminal GST tag, was expressed in E. coli.                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 44-427aa                                                                                                                                                                                                                                                      |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>              |
| <b>Molecular Mass</b>   | 70.6 kDa                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b>   | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. |

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## GENE INFORMATION

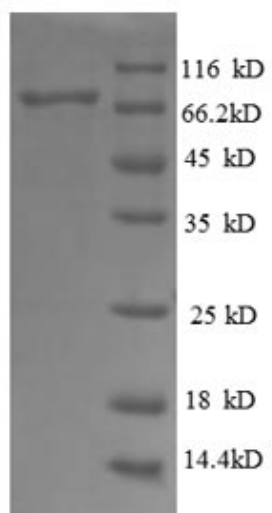
|                        |                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | RPN1 ribophorin I [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Official Symbol</b> | RPN1                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>        | RPN1; ribophorin I; dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1; oligosaccharyltransferase 1 homolog (S. cerevisiae); OST1; RPN-I; ribophorin-1; oligosaccharyltransferase 1 homolog; dolichyl-diphosphooligosaccharide-protein glycosyltransferase 67 kDa subunit; dolichyl-diphosphooligosaccharide--protein glycosyltransferase 67 kDa subunit; RBPH1; DKFZp686B16177; |
| <b>Gene ID</b>         | 6184                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>mRNA Refseq</b>     | NM_002950                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Protein Refseq</b>  | NP_002941                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>MIM</b>             | 180470                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>UniProt ID</b>      | P04843                                                                                                                                                                                                                                                                                                                                                                                                 |

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## SDS-PAGE



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