Recombinant Mouse Rpn2 Protein, Myc/DDK-tagged

Cat. No. Rpn2-5596M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ribophorin II (Rpn2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Subunit of the oligosaccharyl transferase (OST) complex that catalyzes the initial transfer of a defined glycan (Glc3Man9GlcNAc2 in eukaryotes) from the lipid carrier dolichol-pyrophosphate to an asparagine residue within an Asn-X-Ser/Thr consensus motif in nascent polypeptide chains, the first step in protein N-glycosylation. N-glycosylation occurs cotranslationally and the complex associates with the Sec61 complex at the channel-forming translocon complex that mediates protein translocation across the endoplasmic reticulum (ER). All subunits are required for a maximal enzyme activity.
Molecular Mass	69.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Rpn2 ribophorin II [Mus musculus (house mouse)]
Official Symbol	Rpn2
Synonyms	RPN2; ribophorin II; dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2; RPN-II; ribophorin-2; dolichyl-diphosphooligosaccharide--protein glycosyltransferase 63 kDa subunit; Rpn-2; AV261018; 1300012C06Rik
Gene ID	20014
mRNA Refseq	NM_019642
Protein Refseq	NP_062616
UniProt ID	Q9DBG6

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