

# Recombinant Full Length Mouse Dolichyl-Diphosphooligosaccharide--Protein Glycosyltransferase Subunit 2(Rpn2) Protein, His-Tagged

Cat. No. RFL11223MF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Recombinant Full Length Mouse Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2(Rpn2) Protein (Q9DBG6) (23-631aa), fused to N-terminal His tag, was expressed in E. coli.

**Species** Mus musculus

**Source** E.coli

**ProteinLength** Full Length of Mature Protein (23-631)

**Form** Lyophilized powder

**AA Sequence**

```
LTPHYLTKQDVERLKASLDRPFTDLESAFYISIVGLSSLGVQVPDVKKACTFIKSNLD
PS NVDSL FYAAQSSQVL SGC EISVSNETKELL LA AVSEDSPIAQIYHAVAALSGFGLP
LASN EALGALTARLGKEETVLATVQALQTASHLSQQADLRNIVEEIEDLVARLDELG
GVYLQFE EGLELTALFVAATYKLM DHVGT E PSMKEDQVIQLMNTIFSKKNFESLSEA
FSVASAAAAL SQNRYHVPVVVVPEGSTSDTQE QAILRLQVSNVLSQPLAQAAVKLE
HAKSAATRATVLQK TPFSLVGNVFELNFKNVKLSSGYYDFSVRVEGDSRYIANTVEL
RVKISTEVGITNVDLST VDKDQSIAPKTRRTVYPAKAKGTFIADSHQN FALFFQLVDV
NTGAELTPHQTFVRLHNQK TGQEVVFAEPDNKNVYKFELDTSERKIEFDSASGY
TLYLIIGDATLKNPILWNVADV IKFPEEEAPSTVLSQSLF TPKQEIQHLFREPEKRPP
TVVSNTFTALILSP LLLL FALWIR IGANVSNFTFAPSTVIFHLGHAAMLGLMYIYWTQL
```

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NMFQTLKYLAVLGTVTFLAGNRMLA QHAVKRTAH

**Purity** Greater than 90% as determined by SDS-PAGE.

**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Storage Buffer** Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Reconstitution** We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

## GENE INFORMATION

**Gene Name** Rpn2

**Synonyms** Rpn2; Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2; Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 63 kDa subunit; Ribophorin II; RPN-II; Ribophorin-2

**UniProt ID** [Q9DBG6](#)

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