

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

Cat. No. RFL20305PF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Pongo abelii Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2(RPN2) Protein (Q5RBM1) (23-631aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Pongo Abelii
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length of Mature Protein (23-631)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	<p>LTPHYLTKHDVERLKASLDRPFTNLESFYSIVGLSSLGAQVPDAKKACTYIRSNLD            PS NVDSL FYAAQASQALSGCEISISNETKDLLLA VSEDSSVTQIYHAVAALSGFGLP            LASQ EALSALTARLSKEETVLATVQALQTASHLSQQADLR SIVEEIEDLVARLDELGG            VYLQFE EGLETTALFVAATYKLM DHVGT EPSIKEDQVIQLMNAIFSKKNFESLSEAFS            VASVA AVL SHNRYHVPVVVVPEGSASD THEQAILRLQVTNVLSQPLTQATVKLEHA            KSVASRATVLQK TSFTPVGDFELNFMNVKFSSGYYDFLVKVEGDNRYIANTVELR            VKISTEVGITNVDLST VDKDQSIAPKTTTRV TYPAKAKGTFIADSHQNFALFFQLVDVN            TGAELTPHQTFVRLHNQK TGQEVVFAEPDSKNVYKFELDTSERKIEFDSASGTYTL            YLIIGDATLKNPILWNVADV V IKFPEEEAPSTVLSQNLFTPQKEIQHLFREPEKRPPTV            VSNTFTALILSPLLLLFALWIR IGANVSNFTFTPSTIIFHLGHAAMLGLMYVYWTQLNM</p>

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FQTLKYLAILGSVTFLAGNRMLA QQAVKRTAH

**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** [Q5RBM1](#)

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