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32-2795: RPN2 Recombinant Protein

Alternative Name :	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2,Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 63 kDa subunit,RIBIIR,Ribophorin II,RPN-II,Ribophorin-2,RPN2,SWP1,RPNII.

Description

Source : Escherichia Coli. RPN2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 539 amino acids (23-540) and having a molecular mass of 59.2kDa.RPN2 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Ribophorin 2 (RPN2) is a dolichyl-diphosphooligosaccharide protein glycosyltransferase subunit 2. The Ribophorin 2 protein is part of an N-oligosaccharyl transferase complex which links high mannose oligosaccharides to asparagine residues found in the Asn-X-Ser/Thr consensus motif of nascent polypeptide chains. RPN2 is analogous in sequence to the yeast oligosaccharyl transferase subunit SWP1.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The RPN2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MLTPTHYLTK HDVERLKASL DRPFTNLESA FYSIVGLSSL GAQVPDAKKA CTYIRSNLDP SNVDSLFYAA QASQALSGCE ISISNETKDL LLAAVSEDSS VTQIYHAVAA LSGFGLPLAS QEALSALTAR LSKEETVLAT VQALQTASHL SQQADLRSIVEEIEDLVARL DELGGVYLQF EEGLETTALF VAATYKLMDH VGTEPSIKED QVIQLMNAIF SKKNFESLSE AFSVASAAAV LSHNRYHVPV VVVPEGSASD THEQAILRLQ VTNVLSQPLT QATVKLEHAK SVASRATVLQ KTSFTPVGDV FELNFMNVKF SSGYYDFLVE VEGDNRYIANTVELRVKIST EVGITNVDLS TVDKDQSIAP KTTRVTYPAK AKGTFIADSH QNFALFFQLV DVNTGAELTP HQTFVRLHNQ KTGQEVVFVA EPDNKNVYKF ELDTSERKIE FDSASGTYTL YLIIGDATLK NPILWNVADV VIKFPEEEAP STVLSQNLFT PKQEIQHLFR EPEKRPPTV.

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