

Ribophorin II Human Recombinant

Item Number	rAP-1387
Synonyms	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2, Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 63 kDa subunit, RIBIIR, Ribophorin II, RPN-II, Ribophorin-2, RPN2, SWP1, RPNII.
Description	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.
Uniprot Accesion Number	P04844
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MLTPHYLTK HDVERLKASL DRPFTNLESA FYSIVGLSSL GAQVPDAKKA CTYIRSNLDP SNVDSL FYAA QASQALSGCE ISISNETKDL LLAAVSEDSS VTQIYHAVAA LSGFGLPLAS QEALSALTAR LSKEETVLAT VQALQTASHL SQQADLR SIVEEIEDLVARL DELGGVYLQF EEGLETTALF VAATYKLM DH VGTEPSIKED QVIQLMNAIF SKKNFELS E AFSVASAAAV LSHNRYHVPV VVPEGSASD THEQAILRLQ VTNVLSQPLT QATVKLEHAK SVASRATVLQ KTSFTPVGDV FELNFMNVKF SSGYYDFLVE VEGDNRYIANTVELRVKIST EVGITNVDLS TVDKDQSIAP KTTRVTYPAK AKGTFIADSH QNFALFFQLV DVNTGAELTP HQTFVRLHNQ KTGQEVVFA EPDNKNVYKF ELDTSERK- IE FDSASGTYTL YLIIGDATLK NPILWNVADV VIKFPEEEAP STVLSQNLFT PKQEIQH LFR EPEKRPP TV.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	The RPN2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**