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RPN2 Human

Catalog #:ENPS-356

For research use only.

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.

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

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MLTPTHYLTK HDVERLKASL DRPFTNLESA FYSIVGLSSL GAQVPDAKKA CTYIRSNLDP SNVDSLFYAA QASQALSGCE ISISNETKDL LLAAVSEDSS VTQIYHAVAA LSGFGLPLAS QEALSALTAR LSKEETVLAT VQALQTASHL SQQADLRSIVEEIEDLVARL DELGGVYLQF EEGLETTALF VAATYKLMDH VGTEPSIKED QVI

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:
The RPN2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.

Stability:
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.

Usage:
NeoBiolab's products are furnished forLABORATORY RESEARCHUSEONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
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.

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