

Recombinant human Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit

Catalog No: #AP71871

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Package Size: #AP71871-1 20ug #AP71871-2 100ug #AP71871-3 1mg

Description

Product Name	Recombinant human Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:44-427aaSequence Info:Partial
Other Names	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 67KDA subunitRibophorin I ;RPN-IRibophorin-1
Accession No.	P04843
Uniprot	P04843
GeneID	6184;
Calculated MW	70.6 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	SHLAKVTAEVVLAHLGGGSTRATSFLLEPELEARLAHLGVQVKGEDDEEENNLEVRETKIKGKSGRFFTVKL PVALDPGAKISVIVETVYTHVLHPYPTQITQSEKQFVVFEGNHYFYSPYPTKTQTMRVKLASRNVESYTKLGNP TRSEDLLDYGPFRDVPAYSQDTFKVHYENNSPFLTITSMTRVIEVSHWGNIAVEENVDLKHTGAVLKGPFSTRY DYQRQPDSGISSIRSFKTLPAQAQDVYYRDEIGNVSTSHLLILDDSVEMEIRPRFPLFGGWKTHYIVGYNLPSY EYLYNLGDQYALKMRFVDHVFDEQVIDSLTVKIILPEGAKNIEIDSPYEISRAPDELHYTYLDTFGRPVIVAYKKN LVEQHIQDIVVH
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Essential subunit of the N-oligosaccharyl transferase (OST) complex which catalyzes the transfer of a high mannose oligosaccharide from a lipid-linked oligosaccharide donor to an asparagine residue within an Asn-X-Ser,Thr consensus motif in nascent polypeptide chains.

References

The full-ORF clone resource of the German cDNA consortium.Bechtel S., Rosenfelder H., Duda A., Schmidt C.P., Ernst U., Wellenreuther R., Mehrle A., Schuster C., Bahr A., Bloecker H., Heubner D., Hoerlein A., Michel G., Wedler H., Koehrer K., Ottenwaelder B., Poustka A., Wiemann S., Schupp I.BMC Genomics 8:399-399(2007)Research Topic:Others

Note: This product is for in vitro research use only