Recombinant Human ALG8 Protein, GST-tagged

Cat. No. ALG8-467H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ALG8 partial ORF (NP_076984, 260 a.a. - 334 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the ALG6/ALG8 glucosyltransferase family. The encoded protein catalyzes the addition of the second glucose residue to the lipid-linked oligosaccharide precursor for N-linked glycosylation of proteins. Mutations in this gene have been associated with congenital disorder of glycosylation type Ih (CDG-Ih). Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]
Molecular Mass	33.99 kDa
AA Sequence	NQLPQVFSRLFPFKRGLCHAYWAPNFWALYNALDKVLSVIGLKLKFLDPNNIPKASM TSGLVQQFQHTVLPSVTP
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

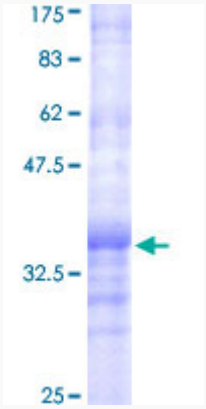
Tel: 1-631-559-9269 1-516-512-3133
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Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ALG8 asparagine-linked glycosylation 8, alpha-1,3-glucosyltransferase homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	ALG8
Synonyms	ALG8; asparagine-linked glycosylation 8, alpha-1,3-glucosyltransferase homolog (S. cerevisiae); asparagine linked glycosylation 8 homolog (yeast, alpha 1,3 glucosyltransferase); probable dolichyl pyrophosphate Glc1Man9GlcNAc2 alpha-1,3-glucosyltransferase; MGC2840; HUSSY-02; asparagine-linked glycosylation protein 8 homolog; dolichyl-P-Glc:Glc1Man9GlcNAc2-PP-dolichyl glucosyltransferase; dolichyl pyrophosphate Glc1Man9GlcNAc2 alpha-1,3-glucosyltransferase; dol-P-Glc:Glc(1)Man(9)GlcNAc(2)-PP-dolichyl alpha-1,3-glucosyltransferase; dolichyl-P-glucose:Glc1Man9GlcNAc2-PP-dolichyl-alpha-1,3-glucosyltransferase; asparagine-linked glycosylation 8 homolog (yeast, alpha-1,3-glucosyltransferase); asparagine-linked glycosylation 8 homolog (S. cerevisiae, alpha-1,3-glucosyltransferase); CDG1H;
Gene ID	79053
mRNA Refseq	NM_001007027
Protein Refseq	NP_001007028
MIM	608103
UniProt ID	Q9BVK2

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12.5% SDS-PAGE Stained with Coomassie Blue.

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