

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 1h (CDG-1h). Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]
Molecular Mass	33.99 kDa
AA Sequence	NQLPQVFSRLFPFKRGLCHAYWAPNFWALYNALDKVLSVIGLKLKFLDPNNIPKASM TSGLVQQFQHTVLPSTP
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.

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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

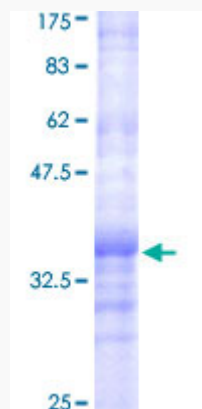
MIM 608103

UniProt ID Q9BVK2

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12.5% SDS-PAGE Stained with Coomassie Blue.

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