

Recombinant Human ALG6 Protein, GST-tagged

Cat. No. ALG6-466H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ALG6 partial ORF (NP_037471, 25 a.a. - 114 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 first glucose residue to the growing lipid-linked oligosaccharide precursor of N-linked glycosylation. Mutations in this gene are associated with congenital disorders of glycosylation type Ic. [provided by RefSeq, Jul 2008]
Molecular Mass	35.64 kDa
AA Sequence	SYSGAGKPPMFGDYEAQRHWQEITFNLQVQWYFNSSDNNLQYWGLDYPPLTAYH SLLCAYVAKFINPDWIALHTSRGYESQAHKLFMRT
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 ALG6 asparagine-linked glycosylation 6, alpha-1,3-glucosyltransferase homolog (S. cerevisiae) [Homo sapiens]

Official Symbol ALG6

Synonyms ALG6; asparagine-linked glycosylation 6, alpha-1,3-glucosyltransferase homolog (S. cerevisiae); asparagine linked glycosylation 6 homolog (yeast, alpha 1,3 glucosyltransferase); dolichyl pyrophosphate Man9GlcNAc2 alpha-1,3-glucosyltransferase; asparagine-linked glycosylation protein 6 homolog; Man(9)GlcNAc(2)-PP-Dol alpha-1,3-glucosyltransferase; dolichyl-P-Glc:Man9GlcNAc2-PP-dolichylglucosyltransferase; dolichyl-P-Glc:Man9GlcNAc2-PP-dolichyl glucosyltransferase; dol-P-Glc:Man(9)GlcNAc(2)-PP-Dol alpha-1,3-glucosyltransferase; asparagine-linked glycosylation 6 homolog (yeast, alpha-1,3-glucosyltransferase); asparagine-linked glycosylation 6 homolog (S. cerevisiae, alpha-1,3-glucosyltransferase); CDG1C;

Gene ID 29929

mRNA Refseq NM_013339

Protein Refseq NP_037471

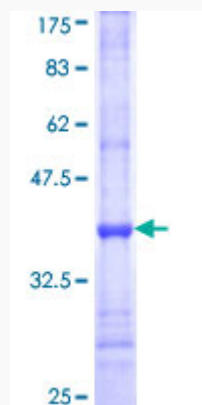
MIM 604566

UniProt ID Q9Y672

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12.5% SDS-PAGE Stained with Coomassie Blue.

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