

## Recombinant Human ALG2 protein, His-tagged

Cat. No. ALG2-8655H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ALG2 protein(32-323 aa), fused with N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	32-323 aa
<b>Tag</b>	N-His
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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**AA Sequence**

RLARRRKILFYCHFPDLLLTKRDSFLKRLYRAPIDWIEEYTTGMADCILVNSQFTA  
 AVFKETFKSLSHIDPDVLYPSLNVTSFDSVVPKLLDLPKGGKFLLSINRYERKKNLTL  
 ALEALVQLRGRRLTSQDWERVHLIVAGGYDERVLENVEHYQELKMMVQQSDLGQYV  
 TFLRSFSDKQKISLLHSCTCVLYTPSNEHFGIVPLEAMYMQCPVIAVNSGGPLESIDH  
 SVTGFLCEPDPVHFSEAIEKFIREPSLKATMGLAGRARVKEKFSPEAFTEQLYRYVTK  
 LLV

**GENE INFORMATION**
**Gene Name**

ALG2 asparagine-linked glycosylation 2, alpha-1,3-mannosyltransferase homolog (S. cerevisiae) [ Homo sapiens ]

**Official Symbol**

ALG2

**Synonyms**

ALG2; asparagine-linked glycosylation 2, alpha-1,3-mannosyltransferase homolog (S. cerevisiae); asparagine linked glycosylation 2 homolog (yeast, alpha 1,3 mannosyltransferase); alpha-1,3/1,6-mannosyltransferase ALG2; CDGII; FLJ14511; hALPG2; NET38; homolog of yeast ALG2; alpha-1,3-mannosyltransferase ALG2; asparagine-linked glycosylation protein 2 homolog; GDP-Man:Man(1)GlcNAc(2)-PP-dolichol mannosyltransferase; GDP-Man:Man(1)GlcNAc(2)-PP-Dol alpha-1,3-mannosyltransferase; GDP-Man:Man(2)GlcNAc(2)-PP-Dol alpha-1,6-mannosyltransferase; asparagine-linked glycosylation 2 homolog (yeast, alpha-1,3-mannosyltransferase); asparagine-linked glycosylation 2 homolog (S. cerevisiae, alpha-1,3-mannosyltransferase);

**Gene ID**

85365

**mRNA Refseq**

NM\_033087

**Protein Refseq**

NP\_149078

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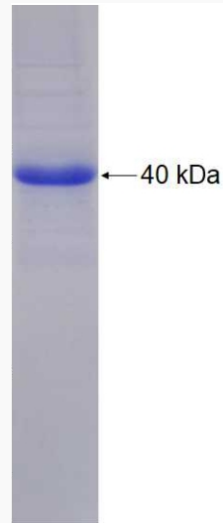
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MIM 607905

UniProt ID Q9H553

SDS-PAGE



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