

Recombinant Human ALG2 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human ALG2 protein(32-323 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	32-323 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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.
Reconstitution	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

RLARRRKILFYCHFPDLLLLTKRDSFLKRLYRAPIDWIEEYTTGMADCILVNSQFTA
 AVFKETFKSLSHIDPDVLYPSLNVTSFDSVVPEKLLDVLVPGKGFLLLSINRYERKKNLTL
 ALEALVQLRGRLTSQDWERVHLIVAGGYDERVLENVEHYQELKKMVQQSDLGQYV
 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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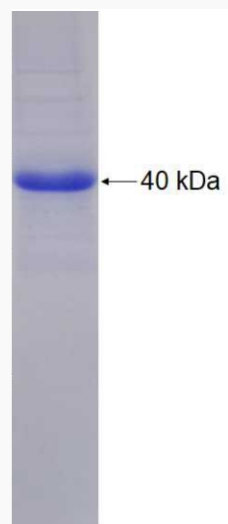
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MIM 607905

UniProt ID Q9H553

SDS-PAGE



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