

Recombinant Human ALG1 protein, GST-tagged

Cat. No. ALG1-8654H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALG1 protein(157-464 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	157-464 aa
Tag	N-GST
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

HNYGYSIMGLVHGPNHPLVLLAKWYEKFFGRLSHLNLCVTNAMREDLADNWHIRAV
 TVYDKPASFFKETPLDLQHRLFMKLGSMHSPFRARSEPEDPVTERSATERDAGSG
 LVTRLRERPALLVSSTSWTEDEDFSILLAALKFEQLTLDGHNLPVLVCVITGKGPMR
 EYYSRLIHQKHQFQHIQVCTPWLEAEDYPLLLGSADLGVCLHTSSSGLDLPKVVDMF
 GCCLPVCVAVNFKCLHELVKHEENGLVFEDSEELAAQLQMLFSNFPDPAGKLNQFRK
 NLRESQQLRWDESWVRTVLPVMDT

GENE INFORMATION
Gene Name

ALG1 asparagine-linked glycosylation 1, beta-1,4-mannosyltransferase homolog (S. cerevisiae) [Homo sapiens]

Official Symbol

ALG1

Synonyms

ALG1; asparagine-linked glycosylation 1, beta-1,4-mannosyltransferase homolog (S. cerevisiae); asparagine linked glycosylation 1 homolog (yeast, beta 1,4 mannosyltransferase); chitobiosyldiphosphodolichol beta-mannosyltransferase; HMAT1; HMT 1; mannosyltransferase-1; beta-1,4 mannosyltransferase; beta-1,4-mannosyltransferase; GDP-Man:GlcNAc2-PP-dolichol mannosyltransferase; asparagine-linked glycosylation protein 1 homolog; GDP-mannose-dolichol diphosphochitobiose mannosyltransferase; asparagine-linked glycosylation 1 homolog (yeast, beta-1,4-mannosyltransferase); HMT1; MT-1; CDG1K; HMT-1; Mat-1; hMat-1;

Gene ID

56052

mRNA Refseq

NM_019109

Protein Refseq

NP_061982

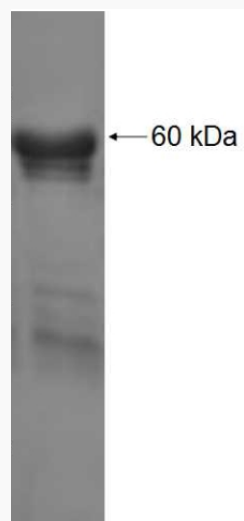
MIM

605907

UniProt ID

Q9BT22

SDS-PAGE

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