

Recombinant Human ALG12 protein, His-tagged

Cat. No. ALG12-6543H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALG12 protein(375-488 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	375-488 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	AMQRLHQLVPPQTDVLLHIDVAAAQTGVSRLQVNSAWRYDKREDVQPGTGMLAY THILMEAAPGLLALYRDTHRVLASVVGTTGVSLNLTQLPPFNVHLQTKLVLLERLPRP S
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GENE INFORMATION

Gene Name	ALG12 asparagine-linked glycosylation 12, alpha-1,6-mannosyltransferase homolog (S. cerevisiae) [Homo sapiens]
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Official Symbol	ALG12
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Synonyms	ALG12; asparagine-linked glycosylation 12, alpha-1,6-mannosyltransferase homolog (S. cerevisiae); asparagine linked glycosylation 12 homolog (yeast, alpha 1,6 mannosyltransferase); dol-P-Man:Man(7)GlcNAc(2)-PP-Dol alpha-1,6-mannosyltransferase; ECM39; membrane protein SB87; mannosyltransferase ALG12 homolog; asparagine-linked glycosylation protein 12 homolog; dolichyl-P-Man:Man(7)GlcNAc(2)-PP-dolichyl-alpha-1,6-mannosyltransferase; dolichyl-P-mannose:Man-7-GlcNAc-2-PP-dolichyl-alpha-6-mannosyltransferase; asparagine-linked glycosylation 12 homolog (yeast, alpha-1,6-mannosyltransferase); asparagine-linked glycosylation 12 homolog (S. cerevisiae, alpha-1,6-mannosyltransferase); CDG1G; hALG12; PP14673; MGC3136; MGC111358;
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Gene ID	79087
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mRNA Refseq	NM_024105
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Protein Refseq	NP_077010
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MIM	607144
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UniProt ID	Q9BV10
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SDS-PAGE

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