

Recombinant Human ALG9 protein, His-tagged

Cat. No. ALG9-3812H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALG9 protein(440-618 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	440-618 aa
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. The elution buffer contain 300mM imidazole.
AA Sequence	FRGYHGPLDLYPEFYRIATDPTIHTVPEGRPVNVCVGKEWYRFPSSFLLPDNWQLQ FIPSEFRGQLPKPFAEGPLATRIVPTDMNDQNLEEPSRYIDISKCHYLVDLDTMRETP REPKYSSNKEEWISLAYRPFLDASRSSKLLRAFYVPFLSDQYTVYVNYTILKPRKAKQ IRKKSGG
Purity	95%, 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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
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GENE INFORMATION

Gene Name	ALG9 asparagine-linked glycosylation 9, alpha-1,2-mannosyltransferase homolog (S. cerevisiae) [Homo sapiens]
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Official Symbol	ALG9
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Synonyms	ALG9; asparagine-linked glycosylation 9, alpha-1,2-mannosyltransferase homolog (S. cerevisiae); asparagine linked glycosylation 9 homolog (yeast, alpha 1,2 mannosyltransferase) , asparagine linked glycosylation 9, alpha 1,2 mannosyltransferase homolog (S. cerevisiae, alpha 1,2 mannosyltransferase) , DIBD1, disrupted in bipolar affective disorder 1; alpha-1,2-mannosyltransferase ALG9; disrupted in bipolar disorder protein 1; disrupted in bipolar affective disorder 1; asparagine-linked glycosylation protein 9 homolog; dol-P-Man:Man(6)GlcNAc(2)-PP-Dol alpha-1,2-mannosyltransferase; dol-P-Man:Man(8)GlcNAc(2)-PP-Dol alpha-1,2-mannosyltransferase; loss of heterozygosity, 11, chromosomal region 1 gene J product; asparagine-linked glycosylation 9 homolog (yeast, alpha- 1,2-mannosyltransferase); asparagine-linked glycosylation 9 homolog (S. cerevisiae, alpha- 1,2-mannosyltransferase); CDG1L; DIBD1; LOH11CR1J; FLJ21845; DKFZp586M2420;
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Gene ID	79796
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mRNA Refseq	NM_024740
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Protein Refseq	NP_079016
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MIM	606941
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UniProt ID	Q9H6U8
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