

Recombinant Mouse Alg2 Protein, Myc/DDK-tagged

Cat. No. Alg2-1598M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length asparagine-linked glycosylation 2 (alpha-1,3-mannosyltransferase) (Alg2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Mannosylates Man2GlcNAc2-dolichol diphosphate and Man1GlcNAc2-dolichol diphosphate to form Man3GlcNAc2-dolichol diphosphate.
Molecular Mass	47.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Alg2 asparagine-linked glycosylation 2 (alpha-1,3-mannosyltransferase) [Mus musculus (house mouse)]
Official Symbol	Alg2
Synonyms	ALG2; asparagine-linked glycosylation 2 homolog (yeast, alpha-1,3-mannosyltransferase); alpha-1,3/1,6-mannosyltransferase 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; ALPG2; CDGLi; MNCb-5081; 1110018A23Rik; 1300013N08Rik
Gene ID	56737
mRNA Refseq	NM_019998
Protein Refseq	NP_064382
UniProt ID	Q9DBE8