

Recombinant Full Length Mouse Alpha-1,3/1,6-Mannosyltransferase Alg2(Alg2) Protein, His-Tagged

Cat. No. RFL24227MF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Mouse Alpha-1,3/1,6-mannosyltransferase ALG2(Alg2) Protein (Q9DBE8) (1-415aa), fused to N-terminal His tag, was expressed in E. coli.

Species Mus musculus

Source E.coli

ProteinLength Full Length (1-415)

Form Lyophilized powder

AA Sequence

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MAENLYRARSRVYSPSVLFLHPDMGIGGAERLVLDAALALQEYGCDEVKIWTAHYDP
NHC F IETRELSVQCAGDWLPRSLGWGGRGAAICSYVRMVFLALYVFLSGEEDVV
VCDQVSAC IPVFKLARRRKRVLFYCHFPDLLLTQRNSALKKFYRAPIDWIEEYTTGM
ADRILVNSQYT ASVFKETFKTLSHRNPDLVYPSLNIGSFDLAIPEKIDDLVPKGKQFLF
LSINRYERKKNL PLALRSLVQLRNRLPSQEWKDVHLMAGGYDDRIPENVEHYKEL
KKMVQESDLERHVTF LRSFSDRQKISLLHGCLCVLYTPSNEHFGIVPLEAMYMQCP
VIAVNNGGPLESIVHKVTGF LCEPDPVHFSEAMEKFIHKPSLKATMGLAGKARVAEK
FSADAFADQLYQYVTKLV
    
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Purity Greater than 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
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GENE INFORMATION

Gene Name	Alg2
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Synonyms	Alg2; MNCb-5081; Alpha-1,3/1,6-mannosyltransferase ALG2; Asparagine-linked glycosylation protein 2 homolog; GDP-Man:Man(1GlcNAc(2-PP-Dol alpha-1,3-mannosyltransferase; GDP-Man:Man(1GlcNAc(2-PP-dolichol mannosyltransferase; GDP-Man:Man(2GlcNAc(2-PP-Dol alp
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UniProt ID	Q9DBE8
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