

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

Cat. No. RFL5561DF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Dictyostelium discoideum Alpha-1,3/1,6-mannosyltransferase ALG2(alg2) Protein (Q7KWM5) (1-420aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Dictyostelium Discoideum
Source	E.coli
ProteinLength	Full Length (1-420)
Form	Lyophilized powder
AA Sequence	MVKDEKELNIAILHPDLGIGGAERLIVDLALGLKSVGNNRITMYTSRHDPKRCFKETS NG ELDVHVTGGYFPRHIFNRFMVICAIIRNLLAALYIIFSGQKYDVIVLDQISASIPLFK L FTNSKVLFYCHFPDKLLTSRTSLIKRLYRIPIDLFEFFTGCADQVLVNSNFTSSIIYK QS FKHLKNSPSVLYPIINTNEFDKTKQSHNFSNQPIENNLINPIKLDKFFLSINRYE RKK DLKLALDAFSVFISNSESGGSGKGKDEIYLVFAGGYDTGLKENVEHLQELKDKA KEYGLE NRVIFLITINEEQKQWLLLNCCLYTPSFEHFGITPLEGMYAGKPVIAVNNG GPLETVV DGKTGYLCNPTVKDFANAFNKIINDPINSKMGINGKQRVNDKFSFKPFA QNLNTIVKKL
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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for up to one week.

Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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.

GENE INFORMATION

Gene Name

alg2

Synonyms

alg2; DDB_G0272730; 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

UniProt ID

[Q7KWM5](#)

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