

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

Cat. No. RFL10673AF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Recombinant Full Length Ashbya gossypii Alpha-1,3/1,6-mannosyltransferase ALG2(ALG2) Protein (Q755C1) (1-514aa), fused to N-terminal His tag, was expressed in E. coli.

**Species** Ashbya gossypii

**Source** E.coli

**ProteinLength** Full Length (1-514)

**Form** Lyophilized powder

**AA Sequence**

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MMTPLNIALIHPDLGIGGAERLVVDAAIGLQDQGHRVTIYTSHC DNHC FEEIKRGDL
KV VVVGDFLPTNILGKFFILCANLRQLALVFKLVINGSIDKHDLFIVDQLSTCVPLHLF
SA SGRVLFYCHFPDQLLAQRKSLVSKLYRVPFDLLEQLTMGCSDSVVNSYFTRSV
FFDTFK ILRLNPRVVYPCVAMDELPIEKIDIGFYDQIIGPNNRYYLSINRFERKKDIALA
LNAFKA SKEGHSSDTKLIICGGYDSRVAENVEYLSELQLICEKANIAHV TIFYSEFSRT
PEHYTFP TGVREKKVIFLASISSSLKELLKKAQLLLYTPSREHFGIVPLEAMKHGTPV
LAVDNGGP LETVVTLKSDNQDTATGWLRRADAGIWAE AIDEQAEYVKKNPGIFATN
GPKWVKDKFSRD AMTSSFLHNIDNIFMTDRVIQPWAVMVILAASYILWRSSHVFGDA
CRYIYLLTGGILVLR SRYLLAIFWVLLFVMQPQLSVGVDTITATLKPKL
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**Purity** Greater than 90% as determined by SDS-PAGE.

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<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Reconstitution</b>	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.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	ALG2
<b>Synonyms</b>	ALG2; AFL098W; Alpha-1,3/1,6-mannosyltransferase ALG2; Asparagine-linked glycosylation protein 2; 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 alpha-1,6-man
<b>UniProt ID</b>	<a href="#">Q755C1</a>

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