

Recombinant Full Length Neurospora Crassa Alpha-1,3/1,6-Mannosyltransferase Alg-2(Alg-2) Protein, His-Tagged

Cat. No. RFL22402NF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Neurospora crassa Alpha-1,3/1,6-mannosyltransferase alg-2(alg-2) Protein (Q8X0H8) (1-471aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Neurospora Crassa
Source	E.coli
ProteinLength	Full Length (1-471)
Form	Lyophilized powder
AA Sequence	MAAGVDEKDKKTIVFLHPDLGIGGAERLVVDAAVGLQNRGHKVVIFTSHCDPRHCFD EAR DGTLDVRVRGNSIIPPSLLGRFSILCAILRQLHLILQITLLTSELRTLSPSAFFVDQ LSA GLPLLKLLVPTSPIFFYCHFPDLLLVQGRQTWYKRLYRLPFDTWEEWSMGFAD SIAVNSS FTKGIVSHTWPSLASKRSLEVHPCIDVRSTSDSSQNPNDKDVLPWT KTGIILSINRF ERKKDIALAIKAFASLSPEQRGKAKLIAGGYDNRVHENVSYHMDLVD LAEGAPYHLKTA TAKTVVSALNTSPDVEVLFLLSVPNTLKEILLRSKLLVYTPSNEH FGIVPLEAMLRGVP VLAANNGGPTETVVEGETGWLRDPNDVGEWAKVMDKVLNG MGEEELKRMGKKGVERVKGR FADTQMAERLEEIIERMPKGDAAQSGMILLVVGAA VAAVAGVISAVYWKLW
Purity	Greater than 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C 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	alg-2
Synonyms	alg-2; B12N19.090; NCU03503; Alpha-1,3/1,6-mannosyltransferase alg-2; 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-Do
UniProt ID	Q8X0H8