

Recombinant Full Length Phaeosphaeria Nodorum Dol-P-Man:Man(5)Glcnac(2)-Pp-Dol Alpha-1,3-Mannosyltransferase(Alg3) Protein, His-Tagged

Cat. No. RFL17072PF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Phaeosphaeria nodorum Dol-P-Man:Man(5)GlcNAc(2)-PP-Dol alpha-1,3-mannosyltransferase(ALG3) Protein (Q0TVF9) (1-609aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Phaeosphaeria nodorum
Source	E.coli
ProteinLength	Full Length (1-609)
Form	Lyophilized powder
AA Sequence	MSKLSPALKQLINAAHSRPGVPVAPPRIQAVYQRIQEEATERKLGRPSWLGISTAAT MTM NSPESMIALYNSTASRPENESVQIAEFMREIGLKCIGFNGIPRTINMLNAFRAS LPPTI ASSLNTTPTRSPSPQNILDTNTRGRALWDAIYRPLETKLIDKLGDHPDLPVFII NQEYG GLFTDPPGKPGAKVGRVTTSLVAITCLRAQQGVGPQVLSHVFGRLRKGWED GTWKEEPEAG SEEAIRWLVSDEGCTWVLEKVDLVEALGGGAGTLPSPAIDEKPKEL TTTKTMSLINRVRD LATNDEHTRWMIPLLLVDAALCGVVIEKIPYTEIDWTTYMQHI ALIIKGERDYTKITGS TGPLVYPGAHVWIYKQLFKITDEGRDIQRAQYIFALVYLGTLA LVFQCYRKARVPPYVFP LLILSKRLHSIFLLRCFNDCFAVLGLFAALFCYQRDQWHV GSFLFATGLNVKMSLLLPLP AMGVLMIMKLGSREAMTHAMIIFQTTVLFGYPFKAA FSYFGRAFELSRQFTYKWTNVNR FVSEETFLSKPFALGLLSVHVTLLITFFLTRWIKP

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	SKRTPKQFLKIIMPQAEPRDQDTMA LRITPNLHT
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.
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	ALG3
Synonyms	ALG3; SNOG_16505; Dol-P-Man:Man(5GlcNAc(2-PP-Dol alpha-1,3-mannosyltransferase; Asparagine-linked glycosylation protein 6; Dol-P-Man-dependent alpha(1-3-mannosyltransferase; Dolichyl-P-Man:Man(5GlcNAc(2-PP-dolichyl mannosyltransferase
UniProt ID	Q0TVF9