

# Recombinant Full Length Dictyostelium Discoideum Chitobiosyldiphosphodolichol Beta- Mannosyltransferase(Alg1) Protein, His-Tagged

Cat. No. RFL-7530DF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Dictyostelium discoideum Chitobiosyldiphosphodolichol beta-mannosyltransferase(alg1) Protein (P90522) (1-493aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Dictyostelium Discoideum
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length (1-493)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	MNRVAVVVLGDIGRSPRMQYHSM SLSKLENTKVTLIGYRESEPHQIVNND SITI EPL KFPPISMSNSFKKIPLISIFMWPLLAICKVLFQIIQLMYVLLVKVPSPLNTILVQSPPAIPT IFVMQIVCWIRGVHLVIDWHNLGYTLLKLSLSKSDNHPIIRLAKFIERYFAKNAY AHLFV TNEMKIQLVRDWNLKGKTFVFHDKASPIFKSLTDREQEEFLKTFINKYSIKGEDKVYIE SVISKKSIRNPKQQT SIIISSTSWTQDEDFSILLDAIVKYDIEHAINNNNNKVEEAQDES VVLAENLLFIITGKGPQKEYYQEKINSLSLKKSRIITVWLDSEDPKLLACCDLGVSLH NSSSGIDLPMKVVD MFGCCLPVL AIDFKCIGELVKVNYNGFLFKDSDQLHQLLNQLFT HPTNNNTITNTNNKNLILEKMRKNLTKDRETDTWESNWLTIKPLFIPSSSSSSSSSS SSSSSSSSSSSSNSKSKKD
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

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

<b>Applications</b>	SDS-PAGE
<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 multiple 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>	alg1
<b>Synonyms</b>	alg1; mntA; DDB_G0286011; Chitobiosyldiphosphodolichol beta-mannosyltransferase; Asparagine-linked glycosylation protein 1 homolog; Beta-1,4-mannosyltransferase; GDP-Man:GlcNAc2-PP-dolichol mannosyltransferase; GDP-mannose-dolichol diphosphochitobiose man
<b>UniProt ID</b>	<a href="#">P90522</a>

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