

Recombinant Full Length *Yarrowia Lipolytica* Gdp-Man:Man(3)Glcnac(2)-Pp-Dol Alpha-1,2-Mannosyltransferase(Alg11) Protein, His-Tagged

Cat. No. RFL16625YF Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Full Length <i>Yarrowia lipolytica</i> GDP-Man:Man(3)GlcNAc(2)-PP-Dol alpha-1,2-mannosyltransferase(ALG11) Protein (Q6C9T3) (1-635aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> . |
| Species | <i>Yarrowia lipolytica</i> |
| Source | <i>E. coli</i> |
| ProteinLength | Full Length (1-635) |
| Form | Lyophilized powder |
| AA Sequence | <p>MALQLDLPTLHDLRVVLNADFLAALAALLLLAVILVPLCSYISLYAWSAILAFKLRSPPA NWEKSIVKGVQANGTSTLFGFGFWQAAAVRRQLILQSNFPSYYSVTHVSRRSEIAIS PED RNTEFRNRAQDSGAPRRVIYGFHFPYANAGGGGERVLWAAVKDTLMYDDNII CAIYCGEQ DLPTRTSPSTVLDAAVSNFHVTELDKELRKRIVFIGMRGRRLVDPKTW PRFTLMMQAAG SVWMAWHGISTLVPDVFVDTMGYPFAYPLVSWVTHVPVAAVYVH YPVISKDMLATVSLKQS PVRAALAVAKLVYWRVFALTYTFAGSYCSVVMTNSSWTN NHMQHMWYWNHKAHEHIKIVYP PCGTQALSEIAMSEETSARSPNIVYIAQFRPEKRH DIVLREFNKFYKEYTEKYPNQPAPH LTFVGTVRNDDDKSRVYLLRLQARDLVNPDS VSFVLDAPFDKVRDILRTASMGVNMWNE HFGIVVVEYMSAGLIPVVHNSGGPKCD IVVPYEGQSTGNSGTLSAMPSSTSIRSHYEAVP PGPTGFHFNCPSDPTTDSGPSY</p> |

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

DGEPIGTLAETLMRAFELSESDTHNMRARARES.VKKR FSNEQFGSHWQVRMRILE
KLEQIRRGHRLTRGDFD

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 ALG11

Synonyms ALG11; YALI0D08558g; GDP-Man:Man(3GlcNAc(2-PP-Dol alpha-1,2-mannosyltransferase; Alpha-1,2-mannosyltransferase ALG11; Asparagine-linked glycosylation protein 11; Glycolipid 2-alpha-mannosyltransferase

UniProt ID [Q6C9T3](https://www.uniprot.org/entry/Q6C9T3)

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