

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

Cat. No. RFL1381DF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Recombinant Full Length *Debaryomyces hansenii* GDP-Man:Man(3)GlcNAc(2)-PP-Dol alpha-1,2-mannosyltransferase(ALG11) Protein (Q6BVB2) (1-616aa), fused to N-terminal His tag, was expressed in *E. coli*.

**Species** *Debaryomyces hansenii*

**Source** *E. coli*

**ProteinLength** Full Length (1-616)

**Form** Lyophilized powder

**AA Sequence**

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MGYLVVIGVIACVAYGILQVVSTVLPRLLLVPSQNWQDKIKKEIEQPMVRYLKVGNKR
SS YRRRLVLASKQPSFYTNFVNNKIKVASVDSQNDEGEFLAEMKKRDVRDPQRKIY
GFFHP YANNGGGGERVLWQAVQATLATS DRNIVAIYTTNYESDPTSILDKVEAKFQI
SRLDEDRI VFVYLRKYARLIDGDYWKRF TLIGQLFGSMVLSWEAMFELSPDVWIDTI
GLPGSYLLVSL VLKIPIMSYVHYPIIQPEMFNKLK FQGLSQIRVPKLSEIKTDVFSIGLI
YWSGVFYFYK YLGSLVNITLANGSWTFNHISNIWTINKDEAGYEMDILYPPCGTETLT
KNVETLGSRENK LLFIAQFRPEKRHSLILRQYSKFLVNATSIGTPLKNIPTLVFLGSCR
TPDDTKTLHDLKQ EVDDLELNGYVEFVVDCSYEDIMVWLSKV KFGLNAMWNEHFGI
GVVEYMSRGMVPLCHAS AGPLLDIVTNWDNEPTSVSWYNNTGFFFKDKSDPDFDLS
LQSDTASEFLQFSSRDNKDST STYPTLARLLDELFITNPDLISETRLQSMRENGVKS
    
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VLEKFSNGVFTLKWMQYSNQLGDL EKSYPREERRSGIEKVV

**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 multiple 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; DEHA2C03982g; 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** [Q6BVB2](https://www.uniprot.org/entry/Q6BVB2)

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