Recombinant Full Length Human Alpha-1,3/1,6-Mannosyltransferase Alg2(Alg2) Protein, His-Tagged

Cat. No. RFL29126HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Alpha-1,3/1,6-mannosyltransferase ALG2(ALG2) Protein (Q9H553) (1-416aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-416)
Form	Lyophilized powder
AA Sequence	MAEEQGRERDSVPKPSVLFLHPDLGVGGAERLVLDAALALQARGCSVKIWTAHYDP GHCF AESRELPVRCAGDWLPRGLGWGGRGAAVCAYVRMVFLALYVLFLADEEFD VVVCDQVSAC IPVFRLARRRKKILFYCHFPDLLLTKRDSFLKRLYRAPIDWIEEYTTG MADCILVNSQFT AAVFKETFKSLSHIDPDVLYPSLNVTSFDSVVPEKLDDLVPKGKKF LLLSINRYERKKNL TLALEALVQLRGRLTSQDWERVHLIVAGGYDERVLENVEHYQE LKKMVQQSDLGQYVTFL RSFSDKQKISLLHSCTCVLYTPSNEHFGIVPLEAMYMQC PVIAVNSGGPLESIDHSVTGF LCEPDPVHFSEAIEKFIREPSLKATMGLAGRARVKEK FSPEAFTEQLYRYVTKLLV
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.

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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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	ALG2
Synonyms	ALG2; UNQ666/PRO1298; Alpha-1,3/1,6-mannosyltransferase ALG2; Asparagine-linked glycosylation protein 2 homolog; 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	Q9H553

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