

Datasheet for ABIN7557110  
**ALG11 Protein (AA 1-492) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ALG11
Protein Characteristics:	AA 1-492
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALG11 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Alg11 Protein expressed in mammalian cells.
Sequence:	MAADTGSWCV YAVLRFFYSL FFPGLMICGV LCVYLVIGLW VIRWHLQRKK KSVSTSKNGK EQTVVAFFHP YCNAGGGGER VLWCALRALQ KKYPEAVYVW YTGDIVSGQ QILDGAFRRF NIKLAHPVQF VFLRKRYLVE DSRYPHFTLL GQSLGSILLG WEALMQRVPD VYIDSMGYAF TLPLFKYVGG CRVGSYVHYP TISTDMLSVV KNQNPGFNNA AFISRNALLS KAKLIYYLFL AFVYGLVGSC SDIVMVNSSW TLNHILSLWK VGHCTNIVYP PCDVQTFLDI PLHEKKVTPG HLLVSIGQFR PEKNHALQIK AFAKLLNEKA AELGHSLKLV LIGGCRNKDD EFRVNQLRSL SENLGVQENV EFKINISFDE LKNYLSEATI GLHTMWNEHF GIGVVECMMA GTVILAHNSG GPKLDIVIPH EGQITGFLAE SEEGYADSMA HILSLSAEER LQIRKNARAS ISRFSDQEFE VAFLCSMEKL LT <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

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isoform, please contact us regarding an individual offer.

### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

### Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

### Grade:

custom-made

## Target Details

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### Target:

ALG11

### Alternative Name:

Alg11 ([ALG11 Products](#))

### Background:

GDP-Man:Man(3)GlcNAc(2)-PP-Dol alpha-1,2-mannosyltransferase (EC 2.4.1.131) (Asparagine-linked glycosylation protein 11 homolog) (Glycolipid 2-alpha-mannosyltransferase),FUNCTION: Mannosyltransferase involved in the last steps of the synthesis of Man5GlcNAc(2)-PP-dolichol core oligosaccharide on the cytoplasmic face of the endoplasmic reticulum. Catalyzes the addition of the 4th and 5th mannose residues to the dolichol-linked oligosaccharide chain (By similarity). {ECO:0000250}.

### Molecular Weight:

55.3 kDa

### UniProt:

[Q3TZM9](#)

### Pathways:

[SARS-CoV-2 Protein Interactome](#)

## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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