

Datasheet for ABIN7552046

ALG11 Protein (AA 1-492) (His tag)



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Overview

| | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | ALG11 |
| Protein Characteristics: | AA 1-492 |
| Origin: | Human |
| 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: | <p>MAAGERSWCL CKLLRFFYSL FFPGLIVCGT LCVCLVIVLW GIRLLLQRKK KLVSTSKNGK</p> <p>NQMVIAFFHP YCNAGGGGER VLWCALRALQ KKYPEAVYVV YTGDEVNNGQ QILEGAFRRF</p> <p>NIRLIHPVQF VFLRKRYLVE DSLYPHFTLL GQSLGSIFLG WEALMQCVPD VYIDSMGYAF</p> <p>TLPLFKYIGG CQVGSYVHYP TISTDMLSVV KNQNI GFNNA AFITRNPFLS KVKLIYYLFL</p> <p>AFIYGLVGSC SDVVMVNSSW TLNHILSLWK VGNCTNIVYP PCDVQTFLDI PLHEKKMTPG</p> <p>HLLVSVGQFR PEKNHPLQIR AFAKLLNKKM VESPPSLKLV LIGGCRNKDD ELRVNQLRRL</p> <p>SEDLGVQEYV EFKINIPFDE LKNYLSEATI GLHTMWNEHF GIGVVECMAS GTIILAHNSG</p> <p>GPKLDIVVPH EGDITGFLAE SEEDYAETIA HILSMSAEKR LQIRKSARAS VSRFSDQEFE</p> <p>VTFLLSVEKL FK 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.</p> |
| Specificity: | If you are looking for a specific domain and are interested in a partial protein or a different |

Product Details

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

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. {ECO:0000269|PubMed:20080937}.

Molecular Weight:

55.7 kDa

UniProt:

[Q2TAA5](#)

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. |
| Restrictions: | For Research Use only |

Handling

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|------------------|--|
| Format: | Liquid |
| Buffer: | The buffer composition is at the discretion of the manufacturer. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -80 °C |
| Storage Comment: | Store at -80°C. |
| Expiry Date: | 12 months |