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## Datasheet for ABIN1593118 **ALG11 Protein (AA 1-471) (His tag)**

### Overview

Quantity:	1 mg
Target:	ALG11
Protein Characteristics:	AA 1-471
Origin:	Schizosaccharomyces pombe
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALG11 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MITTLAIALF IAVVAIHSHI RRIKKEIGI RLIKKIAPVK ASLYKQVGVE PKLARTVGFF HPYCNAGGGG ERVLWTAVKS VQTEFPNVIS VVYTGDNVSK AEILRRVKNT FEIDLDSKI VFVYLKLRFL VSATTWHRFT LLGQSLGSMI LGFEAIYRFA PDIFIDTMGY AFTFCVVKSF QNIPVGAYVH YPTISTDMLK SLKQVSLLAK VKMAYWRWFA QLYSDAGSHA DYVMTNSSWT RNHIASLWGK DIQLSVFPP CNTSELEKID INRKREPTLL YLAQYRPEKN HENVLRSFAL YFEQHPDSPA KLLLVGSVRG EEDMCFVNLH KTLATELNLQ SKVKFVVDAP WPKVVEYLG CSIGVNYMWN EHFGIGVVEY MAAGLIPVNV NSGGPKFDIV IPWIGKPTGF HASTISEYAE AYHKALTSP QEQLMRINA RSACARFGEH VFMRDFGNVF AKLLREDYSR T
Specificity:	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

## Product Details

Purity: > 90 %

## Target Details

Target: ALG11

Alternative Name: GDP-Man:Man (3)GlcNAc (2)-PP-Dol alpha-1,2-mannosyltransferase ([ALG11 Products](#))

Background: Recommended name: GDP-Man:Man(3)GlcNAc(2)-PP-Dol alpha-1,2-mannosyltransferase.  
EC= 2.4.1.131.

Alternative name(s): Alpha-1,2-mannosyltransferase alg11 Asparagine-linked glycosylation protein 11 Galactomannan deficiency protein 3 Glycolipid 2-alpha-mannosyltransferase

UniProt: [O74878](#)

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

## Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

## Handling

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Storage: -20 °C

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.