

[Go to Product page](#)

## Datasheet for ABIN1510186 **ALG5 Protein (AA 1-322) (His tag)**

### Overview

Quantity:	1 mg
Target:	ALG5
Protein Characteristics:	AA 1-322
Origin:	Schizosaccharomyces pombe
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALG5 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MVVYIVLYTC LAGFILLFLV YYLTHSHCP RKQLEGEETC VFIENGQKKS LTLEKWSTSD NIQITVIVPA YNESKRIGNM LQETVDHLEK YYRSSSSAGQ RRWEILIVDD ESKDTTVNAV LEFSNKLDLR DHLRVCSLKR NRGKGGAVTW GMLYARGQYA IFADADGASQ FSDLELLFKN MPPGPRGGVV VGSRAHNVNT AAVVKRSFIR NFLMHCFHKL LQILGIREIG DTQCGFKLFS REAYQSIFPR MHVEGWIFDI EVLTLARFFG LPIIEVPITW HEVGGSKMTL LKDSISMAID LLVIRLNYTF GIWERPSAKR IT
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.
Purity:	> 90 %

## Target Details

Target:	ALG5
Alternative Name:	Dolichyl-phosphate beta-glucosyltransferase (alg5) ( <a href="#">ALG5 Products</a> )
Background:	Recommended name: Dolichyl-phosphate beta-glucosyltransferase. Short name= DolP-glucosyltransferase. EC= 2.4.1.117. Alternative name(s): Asparagine-linked glycosylation protein 5
UniProt:	<a href="#">O60061</a>
Pathways:	<a href="#">SARS-CoV-2 Protein Interactome</a>

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