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Datasheet for ABIN1661209  
**GAPB Protein (AA 81-447) (His tag)**

### Overview

Quantity:	1 mg
Target:	GAPB
Protein Characteristics:	AA 81-447
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GAPB protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	KLKVAINGFG RIGRNFLRCW HGRKDSPLEV VVLNDSGGVK NASHLLKYDS MLGTFKAEVK IVDNETISVD GKLIKVVSNR DPLKLPWAEI GIDIVIEGTG VFVDGPGAGK HIQAGASKVI ITAPAKGADI PTYVMGVNEQ DYGHDEVANII SNASCTTNCL APFAKVLDEE FGIVKGTMTT THSYTGDQRL LDASHRDLRR ARAAALNIVP TSTGAAKAVS LVLPQLKGKL NGIALRVPTP NVSVDLVIN VEKGLTAED VNEAFRKAAN GPMKGILDVC DAPLVSVDPR CSDVSTTIDS SLTMVMGDDM VKVVAWYDNE WGYSQRVVDL AHLVASKWPG AAVGSGDPL EDFCKTNPAD EECKVYD
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
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

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Target:	GAPB
Alternative Name:	Glyceraldehyde-3-phosphate dehydrogenase B, chloroplastic (GAPB) ( <a href="#">GAPB Products</a> )
Background:	Recommended name: Glyceraldehyde-3-phosphate dehydrogenase B, chloroplastic. EC= 1.2.1.13. Alternative name(s): NADP-dependent glyceraldehydephosphate dehydrogenase subunit B
UniProt:	<a href="#">P25857</a>

## Application Details

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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

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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.