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Datasheet for ABIN1666196  
**GLNA2 Protein (AA 1-446) (His tag)**

### Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | GLNA2  |
| Protein Characteristics:      | AA 1-446                                     |
| Origin:                       | Mycobacterium bovis                          |
| Source:                       | Yeast  |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This GLNA2 protein is labelled with His tag. |
| Application:                  | ELISA  |

### Product Details

|                  |  |
|------------------|--|
| Sequence:        | MDRQKEFVLR TLEERDIRFV RLWFTDVLGF LKSVAIAPAE LEGAFEEGIG FDGSSIEGFA<br>RVSESDTVAH PDPSTFQVLP WATSSGHHHS ARMFCDITMP DGSPSWADPR HVLRRQLTKA<br>GELGFSCYVH PEIEFFLLKP GPEDGSPVVP VDNAGYFDQA VHDSALNFRR HAIDALEFMG<br>ISVEFSHHEG APGQQEIDLR FADALSMADN VMTFRYVIKE VALEEGARAS FMPKPFQHP<br>GSAMHTHMSL FEGDVNAFHS ADDPLQLSEV GKSFIAGILE HACEISAVTN QWVNSYKRLV<br>QGGEAPTAAS WGAANRSALV RVPMYTPHKT SSRRVEVRSP DSACNPYLTF AVLLAAGLRG<br>VEKGYVLGPQ AEDNVWDLTP EERRAMGYRE LPSSLDSALR AMEASELVAE ALGEHVDFDF<br>LRNKRTEWAN YRSHVTPYEL RTYLSL |
| Specificity:     | Mycobacterium bovis  |
| 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

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Purity: > 90 %

## Target Details

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Target: GLNA2

Alternative Name: Probable glutamine synthetase 2 (glnA2) ([GLNA2 Products](#))

Background: Recommended name: Probable glutamine synthetase 2.  
EC= 6.3.1.2.  
Alternative name(s): Glutamate--ammonia ligase 2

UniProt: [P64246](#)

## 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 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

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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.