



[Go to Product page](#)

Datasheet for ABIN1660237  
**GAPB Protein (AA 85-451) (His tag)**

### Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 1 mg  |
| Target:                       | GAPB  |
| Protein Characteristics:      | AA 85-451                                   |
| Origin:                       | Pisum sativum                               |
| Source:                       | Yeast                                       |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This GAPB protein is labelled with His tag. |
| Application:                  | ELISA                                       |

### Product Details

|                  |   |
|------------------|---|
| Sequence:        | KLKVAI NGFGRIGRNF LRCWHGRKDS PLEVIVNDS GGVKNASHLL KYDSMLGTFK<br>AEVKILNNET ITVDGKPIKV VSSRDPLKLP WAELGIDIVI EGTGVFVDGP GAGKHIQAGA<br>KKVIITAPAK GADIPTYVIG VNEQDYGHEV ADIISNASCT TNCLAPFAKV LDEEFGIVKG<br>TMTTTHSYTG DQRLLDASHR DLRRARAAAL NIVPTSTGAA KAVSLVLPQL KGKLNIALR<br>VPTPNVSVVD LVVNVAKKGI SAEDVNAAFR KAAEGPLKGI LDVCDVPLVS VDFRCSDVST<br>TIDSSLTMVM GDDMVKVVAV YDNEWGYSQR VVDLAHLVAN KWPGTPKVGGS GDPLEDFCET<br>NPADEECKVY E |
| Specificity:     | Pisum sativum (Garden pea)  |
| 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:           | GAPB   |
| Alternative Name: | Glyceraldehyde-3-phosphate dehydrogenase B, chloroplastic (GAPB) ( <a href="#">GAPB Products</a> )   |
| Background:       | Recommended name: Glyceraldehyde-3-phosphate dehydrogenase B, chloroplastic.<br>EC= 1.2.1.13.<br>Alternative name(s): NADP-dependent glyceraldehydephosphate dehydrogenase subunit B |
| UniProt:          | <a href="#">P12859</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.                                |