

Datasheet for ABIN1474736

CAP2 Protein (AA 2-477) (His tag)



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Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | CAP2 |
| Protein Characteristics: | AA 2-477 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CAP2 protein is labelled with His tag. |
| Application: | ELISA |

Product Details

| | |
|------------------|---|
| Sequence: | <p>ADMLGLMQR LEFAVSRLER LSSGLHEPPG GCGEVNSLSR GIVAPSVEAF DKLINSMVAE</p> <p>FLKNSRVLG DVETHAEMVH GAFQAQRAFL LMVSQHQQPQ ENEAVLLKP ISEKIQEIQT</p> <p>FRERNRGSDM FNHLSAVSES IAALGWIAVS PKPGPYVKEM NDAATFYTNR VLRDYKHSDL</p> <p>RHVDWVRSYL KIWSELQAYI KEHHTTGLTW SKTGPVASTA SAFSILSSGP GLPPPPPPPP</p> <p>PPGPPPPFEN EGGKEEPSPS RSALFAQLNQ GEAITKGLRH VTDDKKIYKN PSLRAQGQIR</p> <p>SPTKTRTPSP TSSKSNPQK HAPVLELEGK KWRVEYQEDR NDLVISETEL KQVAYIFKCD</p> <p>KSTLQIKGKV NSITVDNCKK FGLVFDHVG IVEVINSKDI QIQVMGRVPT ISINKTEGCH</p> <p>LYLSKDALDC EIVSAKSSEM NVLVPQGDDY REFPIPEQFK TIWDGSKLIT EPAEIMA</p> |
| Specificity: | Rattus norvegicus (Rat) |
| 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: CAP2

Alternative Name: Adenylyl cyclase-associated protein 2 (Cap2) ([CAP2 Products](#))

Background: Recommended name: Adenylyl cyclase-associated protein 2.
Short name= CAP 2

UniProt: [P52481](#)

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.