

Datasheet for ABIN7587045

Uba4p (UBA4) (AA 1-440) protein (His tag)



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Overview

| | |
|-------------------------------|--------------------------|
| Quantity: | 100 µg |
| Target: | Uba4p (UBA4) |
| Protein Characteristics: | AA 1-440 |
| Origin: | Saccharomyces cerevisiae |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | His tag |
| Application: | ELISA |

Product Details

| | |
|------------------|---|
| Sequence: | <p>MNDYHLEDTT SELEALRLN AQLREQLAKR EDSSRDYPLS LEEYQRYGRQ MIVEETGGVA</p> <p>GQVKLKNTKV LVVGAGGLGC PALPYLAGAG VGQIGVDND VVETSNLHRQ VLHDSSRVGM</p> <p>LKCESARQYI TKLNPHINVV TYPVRLNSSN AFDIFKGYNY ILDCTDSPLT RYLVSDEVAVN</p> <p>LGITVVSASG LGTEGQLTIL NFNNIGPCYR CFYPTPPPPN AVTSCQEGGV IGPCIGLVGT</p> <p>MMAVETLKL IGIYTNENFS PFLMLYSGFP QQSLRTFKMR GRQEKCLCCG KNRTITKEAI</p> <p>EKGEINYELF CGARNYNVCE PDERISVDAF QRIYKDDEFL AKHIFLDVRP SHHYEISHFP</p> <p>EAVNIPIKNL RDMNGDLKKL QEKLPSEKD SNIVILCRYG NDSQLATRL KDKFGFSNVR</p> <p>DVRGGYFKYI DDIDQTIPKY</p> |
| Specificity: | Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers 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. |

Product Details

Purity: > 90 %

Target Details

Target: Uba4p (UBA4)

Alternative Name: Adenylyltransferase and sulfurtransferase UBA4 (UBA4) ([UBA4 Products](#))

Background: Recommended name: Adenylyltransferase and sulfurtransferase UBA4.
Alternative name(s): Needs CLA4 to survive protein 3 Ubiquitin-like protein activator 4 Including the following 2 domains: Adenylyltransferase UBA4.
EC= 2.7.7.- Sulfurtransferase UBA4.
EC= 2.8.1.-

UniProt: [P38820](#)

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

Handling

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