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Datasheet for ABIN1622960

Uba4p (UBA4) (AA 1-463) protein (His tag)

Overview

Quantity:	1 mg
Target:	Uba4p (UBA4)
Protein Characteristics:	AA 1-463
Origin:	Aspergillus oryzae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	<p>MARTVRDAAW VLGAIGRDG RDNYTLASPH PISENTHRV THERIIPDVTR SSQKLRS AK</p> <p>VLIVGAGGLG CPAAQYLAGA GVGTLGLVDG DTVESNLHR QVLHRSKNVG KLVDSAIES</p> <p>LRDLNPHPTY IAHRAHLAPQ DAADIFKNYD LILDCTDNPA TRYLISDTAV LLGKPLVSAS</p> <p>ALRTEGQLMV LNNPPRSVGD KTGGPCYRCV FPRPPPANSI MSCADGGILG PVVGTMGVLQ</p> <p>ALEAIKVITA TDEEVKPPSL HIFSAYSSPL FRTIKLRSRR PNCVCSGEA SVTLETVKSG</p> <p>STDYVFFCGS VGPEKLLLPE ERISPREYRT KYPVTASSE IGTVTKEPTI IDVREKVQFD</p> <p>ICSENSINI PISSILSSAT KTAQNNEVAN GSNPLPPWLP ADIASSDSID PIYVVCRLGN</p> <p>DSQIAVKRLK ELGLDRGGER VVADIRGGLR AWREQVDPEW PEY</p>
Specificity:	Aspergillus oryzae (strain ATCC 42149 / RIB 40) (Yellow koji mold)
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): Common component for nitrate reductase and xanthine dehydrogenase protein F Ubiquitin-like protein activator 4 Including the following 2 domains: Molybdopterin-synthase adenylyltransferase.
EC= 2.7.7.80.
Alternative name(s): Adenylyltransferase uba4 Sulfur carrier protein MOCS2A adenylyltransferase Molybdopterin-synthase sulfurtransferase.
EC= 2.8.1.11.
Alternative name(s): Sulfur carrier protein MOCS2A sulfurtransferase Sulfurtransferase uba4

UniProt: [Q2TWN3](#)

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 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

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Handling

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.