Datasheet for ABIN1511899

METAP2 Protein (AA 1-448) (His tag)

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Overview

Quantity:	1 mg
Target:	METAP2
Protein Characteristics:	AA 1-448
Origin:	Pichia pastoris
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This METAP2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTSSVDKVSQ KVADVKLGSS KSTKNNKSKG KGKSNKNQVV EDDDEDDFEK ALELAMQLDA QKLAQKKADD VPLVEEEEKK VEEKIEQQYD PISTFYPDGN YPQGEVVDYK DDNLYRTTDE EKRALDREKN NKWNEFRKGA EIHRRVRKLA KDEIKPGMSM IEIAELIENA VRGYSGEDGL KGGMGFPCGL SLNHCAAHYS PNANDKLVLN YEDVMKVDFG VHVNGHIIDS AFTLTFDDKY DDLLKAVKDA TNTGIREAGI DVRLTDIGEA IQEVMESYEV TLDGETYQVK PIKNLCGHNI GQYRIHGGKS VPIVKNFDNT KMEEGETFAI ETFGSTGRGH VIGQGECSHY AKNPDAPANA ISSIRVNRAK QLLKTIDENF GTLPFCRRYI DRLGEEKYLL ALNQLVKSGV VSDYPPLVDV KGSYTAQYEH TILLRPNVKE VVSRGEDY
Specificity:	Pichia pastoris (strain GS115 / ATCC 20864) (Yeast)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	METAP2
Alternative Name:	Methionine aminopeptidase 2 (MAP2) (METAP2 Products)
Background:	Recommended name: Methionine aminopeptidase 2. Short name= MetAP 2. EC= 3.4.11.18. Alternative name(s): Peptidase M 2
UniProt:	C4R2P3
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling

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 modificated 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

Handling

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

