Datasheet for ABIN1474402

METAP2 Protein (AA 2-478) (His tag)

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Overview

Quantity:	1 mg
Target:	METAP2
Protein Characteristics:	AA 2-478
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This METAP2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AGVEEASSF GGHLNRDLDP DDREEGTSST AEEAAKKKRR KKKKGKGAVS AGQQELDKES GTSVDEVAKQ LERQALEEKE KDDDDEDGDG DGDGAAGKKK KKKKKKRGPR VQTDPPSVPI CDLYPNGVFP KGQECEYPPT QDGRTAAWRT TSEEKKALDQ ASEEIWNDFR EAAEAHRQVR KYVMSWIKPG MTMIEICEKL EDCSRKLIKE NGLNAGLAFP TGCSLNNCAA HYTPNAGDTT VLQYDDICKI DFGTHISGRI IDCAFTVTFN PKYDILLKAV KDATNTGIKC AGIDVRLCDV GEAIQEVMES YEVEIDGKTY QVKPIRNLNG HSIGPYRIHA GKTVPIVKGG EATRMEEGEV YAIETFGSTG KGVVHDDMEC SHYMKNFDVG HVPIRLPRTK HLLNVINENF GTLAFCRRWL DRLGESKYLM ALKNLCDLGI VDPYPPLCDI KGSYTAQFEH TILLRPTCKE VVSRGDDY
Specificity:	Rattus norvegicus (Rat)
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 (Metap2) (METAP2 Products)
Background:	Recommended name: Methionine aminopeptidase 2. Short name= MAP 2. Short name= MetAP 2. EC= 3.4.11.18. Alternative name(s): Initiation factor 2-associated 67 kDa glycoprotein Peptidase M 2 p67eIF2. Short name= p67
UniProt:	P38062
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

Handling

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

