

Datasheet for ABIN1623281

MOCS2 Protein (AA 1-179) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MOCS2
Protein Characteristics:	AA 1-179
Origin:	Aspergillus oryzae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MOCS2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTTSEDQTP AHLPKTYPR HLTDPQNIH LELTYSPLNA QSALDKISSP AAGANVLFLG TTRNTFEDRA VSQLSYTAYP PLTLKTLGI ARDAVAKHGL TGIVIAHRLG VVPIREASIV IAVSSGHRRA AWRAGEEVLE ICKEKAEIWK REEFVDGGME WRENRRDGE GKKVVVSEN
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.
Purity:	> 90 %

Target Details

Target:	MOCS2
Alternative Name:	Molybdopterin synthase catalytic subunit (mocs2) (MOCS2 Products)

Target Details

Background:	Recommended name: Molybdopterin synthase catalytic subunit. EC= 2.8.1.12. Alternative name(s): Common component for nitrate reductase and xanthine dehydrogenase protein H Molybdenum cofactor synthesis protein 2 large subunit Molybdenum cofactor synthesis protein 2B. Short name= MOCS2B
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UniProt:	Q2U4W2
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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
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.