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Datasheet for ABIN1623995

MOCS3 Protein (AA 1-459) (His tag)

Overview

Quantity:	1 mg
Target:	MOCS3
Protein Characteristics:	AA 1-459
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MOCS3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MDDTIVSLKS QLLEREREVA TLKKKLDQIE KGNSTLPELQ EKVTLSPLR LNTSLNDDI</p> <p>MRYSRQLLLP ELGVKGQIAI SNISVLVGC GGLGCPLAQY LAAAGIGRLG LLDYDVVELS</p> <p>NLHRQVLHTE LTQGQPKALS AAQAISRMNS TVQCVPYHLQ LSRENAIQI QQYDIVADCS</p> <p>DNVPTRYLVN DACVLTSRPL VSASALRMEG QLTVYNYRGG PCYRCLYPIPPPETVTNCS</p> <p>DGGVLGVVPG IMGCLQALEV LKIASGQECF FAQQLLMFDG EQTRFRSIRL RSRQKECVVC</p> <p>GEKPTITELQ DYEHFCSAA TDKCRRLLHLL SREQRVSVQD YKGILDHSTP HLLLDVRPKV</p> <p>EVDICRLSNS LHIPLASLED KKPEHITLLK EAISDLQEHL NNQSPVQVFV VCKLGNDSSQK</p> <p>AVQLLEKMSG AEVEAMTVKD IGGGLMAWAK KIDYCFQY</p>
Specificity:	Danio rerio (Zebrafish) (Brachydanio rerio)
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: MOCS3

Alternative Name: Adenylyltransferase and sulfurtransferase MOCS3 (mocs3) ([MOCS3 Products](#))

Background: Recommended name: Adenylyltransferase and sulfurtransferase MOCS3.
Alternative name(s): Molybdenum cofactor synthesis protein 3 Including the following 2 domains: Molybdopterin-synthase adenylyltransferase.
EC= 2.7.7.80.
Alternative name(s): Adenylyltransferase MOCS3 Sulfur carrier protein MOCS2A adenylyltransferase Molybdopterin-synthase sulfurtransferase.
EC= 2.8.1.11.
Alternative name(s): Sulfur carrier protein MOCS2A sulfurtransferase Sulfurtransferase MOCS3

UniProt: [Q8AWD2](#)

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

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.