Datasheet for ABIN1674724

AMDHD1 Protein (AA 1-433) (His tag)

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Overview

Quantity:	1 mg
Target:	AMDHD1
Protein Characteristics:	AA 1-433
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AMDHD1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSANSFKLLV KNATQLVLVC RNGEKYLTRD EMQALAVLEN ASVLIGHDGL IKAVGPADVI ETQFEGAKFD NVLDASGMCV LPGLVDAHTH PVWAGDRVHE FAMKLAGATY MEVHEAGGGI HFTVAHTRSA SEQHLLAALK SRLERMMRAG TTLVECKSGY GLELDIEVKM LRVINSARKS LPIGISATYC GAHAVPKGKT MEEATKDIVA VQLPKIKHLS ASGDLQVDNI DVFCEKGVFD LTSTRCILQA GKDMGLNINF HGDELHPMNS AHLGAELGAL AISHLEEVTD DGIVAMAKSK TSAVLLPTTA YILRLTPPRA RDMLDAGVIV ALGSDFNPNA YCFSMPMVMH LACVMMKMSM PEALAASTIN AAYALNRSQT HGSLEVGKQG DLVIINAPRW EHLVYQFGGH QELIRYVIIK GDFVYENDKV LNL
Specificity:	Danio rerio (Zebrafish) (Brachydanio rerio)
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:	AMDHD1
Alternative Name:	Probable imidazolonepropionase (amdhd1) (AMDHD1 Products)
Background:	Recommended name: Probable imidazolonepropionase. EC= 3.5.2.7. Alternative name(s): Amidohydrolase domain-containing protein 1
UniProt:	Q7SXK5

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