

Datasheet for ABIN1654997

## AMDHD1 Protein (AA 1-429) (His tag)



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### Overview

Quantity:	1 mg
Target:	AMDHD1
Protein Characteristics:	AA 1-429
Origin:	Nematostella vectensis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AMDHD1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MKNLIIRHAR QVVLVCKNGE RILKGEALKN IAILEGSVNR GISVVADEFG KIECIGYDDD</p> <p>VEPQYNQCSF ASEIDATGMC VLPGLIDGHT HPVWVGDRVH EFAMKLAGAS YMDVHKAGGG</p> <p>INFTVEHVHK ATEDELYEPL KQRLNRMLQC GTTLVEAKSG YGLNTENEMK MLKVIERAKK</p> <p>ELPIEISSTF CGAHAIPRGS TAKQAADNII NEQIPTLVKA IKAGELDVEN IDVFCEKGVF EVEETRVILQ</p> <p>AGKDAGLAIN FHGDELHPIK GAELGAELGA RAISHLEEIS EEGIKAMSKS SVIGVLLPTT</p> <p>AYILRLKPPP ARAMIDAGVA IALGTDFNPN AYCLSMPLTM HLACCILRMS MTEALAGATI</p> <p>NAAASLGRAD THGSLEVGKF ADMVVINAER WEHLIYQIGG HDDIIQHVVK HGKVVFSKR</p>
Specificity:	Nematostella vectensis (Starlet sea anemone)
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:	AMDHD1
Alternative Name:	Probable imidazolonepropionase (amdhd1) ( <a href="#">AMDHD1 Products</a> )
Background:	Recommended name: Probable imidazolonepropionase. EC= 3.5.2.7. Alternative name(s): Amidohydrolase domain-containing protein 1 homolog
UniProt:	<a href="#">A7RX26</a>

## 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 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.