antibodies

Datasheet for ABIN1620755 ECHDC1 Protein (AA 1-299) (His tag)



Overview	
Quantity:	1 mg
Target:	ECHDC1
Protein Characteristics:	AA 1-299
Origin:	Xenopus tropicalis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ECHDC1 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	MGIFVCRNSL RMLNVRWLYH RCLSLYNSNH GFNEAKIKEK LAQFTGGSVD LSKMDNGIAE
	ICINNPSRMN AFTGTMMIEL EERISDLENW KNGKGLIVYG AENTFCSGSD LNAVKAISNP
	QEGMMMCMLM QNTLTRLQRL PLISVALIQG KALGGGAELC TACDFRLMTE GSEIRFVHKQ
	MGLVPGWGGA ARLIHLIGSR HALKLLSGAL RVHPENALEL GLADNILLGT EDGFLSEAEN
	WIMPYIKGPS DVSRAVKKVI ISGREQKLED ALRTEKEIFG TVWGGLANLQ ALAKGTKHK
Specificity:	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
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.

Purity:

> 90 %

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Target Details

Target:	ECHDC1
Alternative Name:	Ethylmalonyl-CoA decarboxylase (echdc1) (ECHDC1 Products)
Background:	Recommended name: Ethylmalonyl-CoA decarboxylase.
	EC= 4.1.1.n2.
	Alternative name(s): Enoyl-CoA hydratase domain-containing protein 1 Methylmalonyl-CoA
	decarboxylase.
	Short name= MMCD.
	EC= 4.1.1.41
UniProt:	Q28C91

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 Comment:

Storage:

-20 °C

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

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