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Datasheet for ABIN1654066 IVD Protein (AA 26-409) (His tag)

Overview

Quantity:	1 mg
Target:	IVD
Protein Characteristics:	AA 26-409
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IVD protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SSSLL FDDTQLQFKE SVSKFAQDNI APHAERIDKT NSFPKDVNLW KLMGEFNLHG ITAPEEYGGGL GLGYLYHCIA MEEISRASGS VALSYGAHSN LCINQLVRNG TAAQKEKYLP KLISGEHVGA LAMSEPNAGS DVVGMKCKAE KVDGGYILNG NKMWCTNGPS AETLVVYAKT DTKAGSKGIT AFIIEKGMTG FSTAQKLDKL GMRGSDTCEL VFENCFVPEE NILDKEGKGV YVLMGSLDLE RLVLAAGPLG IMQACLDNVL PYIRQREQFG RPVGEFQFIQ GKVADMYTAL QSSRSYVYSV ARDCDNGKVD PKDCAGTILC AAERATQVAL QAIQCLGGNG YINEYATGRL LRDAKLYEIG AGTSEIRRIV IGRELFKEE
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
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:	IVD
Alternative Name:	Isovaleryl-CoA dehydrogenase, mitochondrial (IVD) (IVD Products)
Background:	Recommended name: Isovaleryl-CoA dehydrogenase, mitochondrial. Short name= IVD. EC= 1.3.99.10
UniProt:	Q9SWG0
Pathways:	Monocarboxylic Acid Catabolic Process

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.