Datasheet for ABIN7590259

MCCC1 Protein (AA 39-715) (His tag)

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Overview

Quantity:	100 µg
Target:	MCCC1
Protein Characteristics:	AA 39-715
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MCCC1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	TT PGGSITKVLI ANRGEIACRV IRTARKMGVQ SVAVYSEADR NSMHVDMADE AYSIGPAPSQ QSYLAMEKII QVAKSSAAQA IHPGYGFLSE NMEFAEFCKQ EGIIFIGPPS TAIRDMGIKS TSKSIMAAAG VPVVEGYHGN DQSDECLKEH AGKIGYPVMI KAIRGGGGKG MRIIRSEKEF QEQLESARRE AKKSFNDDAM LIEKFVDTPR HVEVQVFGDH HGNAVYLFER DCSVQRRHQK IIEEAPAPGI DPEVRRRLGE AAVRAAKAVN YVGAGTVEFI MDSKHNFYFM EMNTRLQVEH PVTEMITGTD LVEWQLRIAA GEKIPLSQEE IPLQGHAFEA RIYAEDPDNN FMPGAGPLVH LSTPPPDMST RIETGVRQGD EVSVHYDPMI AKLVVWASDR QSALSKLRYS LHQYNIVGLR TNVDFLLRLS GHSEFEAGNV HTDFIPQHHK DLLPTHSTIA KESVCQAALG LILKEKEMTS AFKLHTQDQF SPFSFSSGRR LNISYTRNMT LRSGKNDIII AVTYNRDGSY DMQIENKLFR VLGDLSNEDG YTYLKSSVNG VASKSKFILL DNTIYLFSME GSIEVGIPVP KYLSPVSAEG TQGGTIAPMT GTIEKVFVKA GDRVKAGDAL MVMIAMKMEH TIKAPKDGRI KKVFFSEGAQ ANRHAPLVEF EEEEV

Product Details

Specificity:	Rattus norvegicus (Rat)
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 %

Target Details

Target:	MCCC1
Alternative Name:	Methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial (Mccc1) (MCCC1 Products)
Background:	Recommended name: Methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial. Short name= MCCase subunit alpha. EC= 6.4.1.4. Alternative name(s): 3-methylcrotonyl-CoA carboxylase 1 3-methylcrotonyl-CoA carboxylase biotin-containing subunit 3-methylcrotonyl-CoA:carbon dioxide ligase subunit alpha
UniProt:	Q5I0C3

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

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.