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Datasheet for ABIN1616991

CCBL1 Protein (AA 29-457) (His tag)

Overview

Quantity:	1 mg
Target:	CCBL1
Protein Characteristics:	AA 29-457
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCBL1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>LH QSLTMTKRLQ ARRLDGIDQN LWVEFGKLT EYDVNLGQG FPDFSPPDFA TQAFQQATSG</p> <p>NFMLNQYTRA FGYPPLTNVL ASFFGKLLGQ EMDPLTNVLV TVGAYGALFT RFQALVDEGD</p> <p>EVIIMEPAFD CYEPMTHMAG GCPVFVTLKP SPAPKGKLG A SNDWQLDPAE LASKFTPRTK</p> <p>ILVLNTPNNP LGKVFSRMEL ELVANLCQQH DVVCISDEVY QWLVDYDGHQH VSIASLPGMW</p> <p>DRTLIGSAG KSFSATGWKV GWVMGPDNIM KHLRTVHQNS IFHCPTQAQA AVAQCFEREQ</p> <p>QHFGQPSSYF LQLPQAMELN RDHMIRSLQS VGLKLWISQG SYFLIADISD FSKMMPDLPG</p> <p>AEDEPYDRRF AKWMIKMNGL VGIPVSTFFS RPHQKDFDHY IRFCFVKDKA TLQAMDERLR</p> <p>KWKELQP</p>
Specificity:	Rattus norvegicus (Rat)
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.

Product Details

Purity: > 90 %

Target Details

Target: CCBL1

Alternative Name: Kynurenine--oxoglutarate transaminase 1, mitochondrial (Ccbl1) ([CCBL1 Products](#))

Background: Recommended name: Kynurenine--oxoglutarate transaminase 1, mitochondrial.
Short name= Kynurenine--oxoglutarate transaminase I.
EC= 2.6.1.7.
Alternative name(s): Cysteine-S-conjugate beta-lyase.
EC= 4.4.1.13 Glutamine transaminase K.
Short name= GTK Glutamine--phenylpyruvate transaminase.
EC= 2.6.1.64 Kynurenine aminotransferase I.
Short name= KATI

UniProt: [Q08415](#)

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

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.