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Datasheet for ABIN1666049
ACCD6 Protein (AA 1-473) (His tag)

Overview

Quantity:	1 mg
Target:	ACCD6
Protein Characteristics:	AA 1-473
Origin:	Mycobacterium tuberculosis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACCD6 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTIMAPEAVG ESLDPRDLL RLSNFFDDGS VELLHERDRS GVLAAAGTVN GVRTIAFCTD GTVMGGAMGV EGCTHIVNAY DTAIEDQSPI VGIWHSGGAR LAEGVRALHA VGQVFEAMIR ASGYIPQISV VVGFAAGGAA YGPALTDVVV MAPESRVFVT GPDVVRVSTG EDVDMASLGG PETHHKKSGV CHIVADDELD AYDRGRRLVG LFCQQGHFDR SKAEAGDTDI HALLPESSRR AYDVRPIVTA ILDADTPFDE FQANWAPSMV VGLGRLSGRT VGVLANNPLR LGGCLNSES EKAARFVRLC DAFGIPLVVV VDPGYLPGV DQEWGGVRR GAKLLHAFGE CTVPRVTLVT RKTYGGAYIA MNSRSLNATK VFAWPDAEVA VMGAKAAVGI LHKKKLAAAP EHEREALHDQ LAAEHERIAG GVDSALDIGV VDEKIDPAHT RSKLTEALAQ APARRGRHKN IPL
Specificity:	Mycobacterium tuberculosis
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: ACCD6

Alternative Name: Probable propionyl-CoA carboxylase beta chain 6 (accD6) ([ACCD6 Products](#))

Background: Recommended name: Probable propionyl-CoA carboxylase beta chain 6.

Short name= PCCase.

EC= 6.4.1.3.

Alternative name(s): Propanoyl-CoA:carbon dioxide ligase

UniProt: [P63407](#)

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

Handling

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