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Datasheet for ABIN1473878 PCCA Protein (AA 62-737) (His tag)

Overview

Quantity:	1 mg
Target:	PCCA
Protein Characteristics:	AA 62-737
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PCCA protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>SVEYEPKEK TFDKILIANR GEIACRVIKT CRKMGI RTVA IHSDVDASSV HVKMADEAVC</p> <p>VGPAPTSKSY LNMDAIMEAI KKTGAQAVHP GYGFLSENKE FAKCLAAEDV TFIGPDTHAI</p> <p>QAMGDKIESK LLAKRAKVNT IPGFDGVLKD ADEAVRIARE IGYPVMIKAS AGGGGKG MRI</p> <p>PWDDEETRDG FRFSSQEAS SFGDDRLLIE KFDNPRHIE IQVLGDKHGN ALWLNRECS</p> <p>IQRRNQKVVE EAPSIFLDPE TRRAMGEQAV AWPKAVKYSS AGTVEFLVDS QKNFYFLEMN</p> <p>TRLQVEHPVT ECITGLDLVQ EMILVAKGYR LRHKQEDIPI SGWAVECRVY AEDPYKSFGL</p> <p>PSIGRLSQYQ EPIHLPGVRV DSGIQPGSDI SIYHDPMISK LVTYGSDRAE ALKRMEDALD</p> <p>SYVIRGVTHN IPLLREVIIN TRFVKGDIST KFLSDVYPDG FKGHMLTPSE RDQLLAIASS</p> <p>LFVASQLRAQ RFQEHSRVPV IRPDVAKWEL SVKLHDEDHT VVASNNGPTF NVEVDGSKLN</p> <p>VTSTWNLASP LLSVNVDGTQ RTVQCLSPDA GGNMSIQFLG TVYKVHILTK LAELNKFML</p> <p>EKVPKDTSSV LRSPKPGVVV AVSVKPGDMV AEGQEICVIE AMKMQNSMTA GKMGKVKLVH</p> <p>CKAGDTVGE G DLLVELE</p>
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Product Details

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.
Purity:	> 90 %

Target Details

Target:	PCCA
Alternative Name:	Propionyl-CoA carboxylase alpha chain, mitochondrial (Pcca) (PCCA Products)
Background:	<p>Recommended name: Propionyl-CoA carboxylase alpha chain, mitochondrial.</p> <p>Short name= PCCase subunit alpha.</p> <p>EC= 6.4.1.3.</p> <p>Alternative name(s): Propanoyl-CoA:carbon dioxide ligase subunit alpha</p>
UniProt:	P14882
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Comment:	<p>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.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL

Handling

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.