

Datasheet for ABIN1635149

PECI/ECI2 Protein (AA 37-391) (His tag)



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Overview

Quantity:	1 mg
Target:	PECI/ECI2 (PECI)
Protein Characteristics:	AA 37-391
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PECI/ECI2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>TQQD FENAMNQVKL LKKDPGNEVK LRLYALYKQA TEGPCTMPKP GVDFVFNKAK</p> <p>WDAWNALGSL PKETARQNYV DLVSSLSSSS EASSQGKGGA DGKAQESKGI LVTSEGGITK</p> <p>ITFNRPSKKN AITFQMYQDI ILALKNASTD DTVITVFTGA GDYSSGNDL TNFTSASGGM</p> <p>EEAANKGAIV LREFVNTFID FPKPLVAVVN GPAVGISVTL LGLFDAVYAS DRATFHTPFS</p> <p>HLGQSPEACS SYTFPKMMGS AKAEMLLFG KKLTAAREAWA QGLVTEVFPE STFETEVWTR</p> <p>LKTYAKLPPN SMRISKELIR KNEKEKLHAV NEEECTTLRA RWLSEECINA IMSFVTRKPK L</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.
Purity:	> 90 %

Target Details

Target:	PECI/ECi2 (PECI)
Alternative Name:	Enoyl-CoA delta isomerase 2, mitochondrial (Eci2) (PECI Products)
Background:	<p>Recommended name: Enoyl-CoA delta isomerase 2, mitochondrial.</p> <p>EC= 5.3.3.8.</p> <p>Alternative name(s): Delta(3),delta(2)-enoyl-CoA isomerase.</p> <p>Short name= D3,D2-enoyl-CoA isomerase Dodecenoyl-CoA isomerase Peroxisomal 3,2-trans-enoyl-CoA isomerase.</p> <p>Short name= p.</p> <p>ECi</p>
UniProt:	Q5XIC0

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
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.