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Datasheet for ABIN1475749
ACSL5 Protein (AA 33-683) (His tag)

Overview

Quantity:	1 mg
Target:	ACSL5
Protein Characteristics:	AA 33-683
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACSL5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>NRPQPVLP LIDLNQSVG IEGGARRGAF QKNNDLILYY FSDAKTLYEV FQRGLAVSDN GPCLGYRKPN QPYKWISYKQ VSDRAEYLG S CLLHKGYKPS QDQFIGIFAQ NRPEWVISEL ACYTYSMVAV PLYDTLGAEA IIVVINRADI SVVICDTPQK ATMLIENVEK DLTPGLKTVI LMDPFDDDL M KRGEKCGIEM LSLHDAENLG KENFKKPMPP NPEDLSVICF TSGTTGDPKG AMLTHQNI VS NMAAFLKFLE PIFQPTPEDV TISYLPLAHM FERLVQGVIF SCGGKIGFFQ GDIRLLPDD M KALKPTVFPT VPRLLNRVYD KVQNEAKTPL KKFLNLAI I SKFNEVRNGI IRRNSLW DKL VFSKIQSSLG GKVRLMITGA APISTPVLTF FRAAMGCWVF EAYGQTECTA GCSITSPGDW TAGHVGTPVS CNFVKLEDVA DMNYFSVNNE GEICIKGNNV FKGYLKDPEK TQEVLDKDGW LHTGDIGRWL PNGTLKI DR KKNIFKLAQG EYIAPEKIEN VYSR SRPILQ V FVHGESLRS FLIGVVVPDP ESLPSFAAKI GVKGSFEELC QNQC VKKAIL EDLQKVGKEG GLKSFEQVKS IFVHPEPFSI ENGLLTPTLK AKRVELAKFF QTQIKSLYES IEE</p>
Specificity:	Rattus norvegicus (Rat)

Product Details

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:	ACSL5
Alternative Name:	Long-chain-fatty-acid-CoA ligase 5 (Acsl5) (ACSL5 Products)
Background:	Recommended name: Long-chain-fatty-acid-CoA ligase 5. EC= 6.2.1.3. Alternative name(s): Long-chain acyl-CoA synthetase 5. Short name= LACS 5
UniProt:	O88813

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

Handling

Storage: -20 °C

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