Datasheet for ABIN7583313

ACADVL Protein (AA 41-655) (His tag)

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Overview

Quantity:	100 µg
Target:	ACADVL
Protein Characteristics:	AA 41-655
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACADVL protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ASEATQAVLE KPETLSSDAS TREKPARAES KSFAVGMFKG QLTTDQVFPY PSVLNEGQTQ FLKELVGPVA RFFEEVNDPA KNDSLEKVEE DTLQGLKELG AFGLQVPSEL GGLGLSNTQY ARLAEIVGMH DLGVSVTLGA HQSIGFKGIL LYGTKAQKEK YLPRVASGQA LAAFCLTEPS SGSDVASIRS SAVPSPCGKY YTLNGSKIWI SNGGLADIFT VFAKTPIKDA ATGAVKEKIT AFVVERSFGG VTHGLPEKKM GIKASNTSEV YFDGVKVPAE NVLGEVGDGF KVAVNILNNG RFGMAATLAG TMKAIIAKAV DHATNRTQFG DKIHNFGVIQ EKLARMAILQ YVTESMAYML SANMDQGFKD FQIEAAISKI FGSEAAWKVT DECIQIMGGM GFMKEPGVER VLRDIRIFRI FEGTNDILRL FVALQGCMDK GKELTGLGNA LKNPLGNVGL LIGEASKQLR RRTGIGSGLS LSGIVHPELS RSGELAVQAL EQFATVVEAK LMKHKKGIVN EQFLLQRLAD GAIDLYAMVV VLSRASRSLS EGYPTAQHEK MLCDSWCIEA ATRIRENMAS LQSNPQQQEL FRNFRSISKA MVENGGLVTS NPLRV
Specificity:	Rattus norvegicus (Rat)

Product Details

Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	ACADVL
Alternative Name:	Very long-chain specific acyl-CoA dehydrogenase, mitochondrial (Acadvl) (ACADVL Products)
Background:	Recommended name: Very long-chain specific acyl-CoA dehydrogenase, mitochondrial. Short name= VLCAD. EC= 1.3.99.-
UniProt:	P45953
Pathways:	ER-Nucleus Signaling, Monocarboxylic Acid Catabolic Process

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 modificated 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

Handling

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