Datasheet for ABIN7584123

DLAT Protein (AA 78-632) (His tag)

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Overview

Quantity:	100 µg
Target:	DLAT
Protein Characteristics:	AA 78-632
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DLAT protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SLP PHQKVPLPSL SPTMQAGTIA RWEKKEGEKI SEGDLIAEVE TDKATVGFES LEECYMAKIL VPEGTRDVPV GSIICITVEK PQDIEAFKNY TLDSATAATQ AAPAPAAAPA AAPAAPSASA PGSSYPVHMQ IVLPALSPTM TMGTVQRWEK KVGEKLSEGD LLAEIETDKA TIGFEVQEEG YLAKILVPEG TRDVPLGTPL CIIVEKQEDI AAFADYRPTE VTSLKPQAPP PVPPPVAAVP PIPQPLAPTP SAAPAGPKGR VFVSPLAKKL AAEKGIDLTQ VKGTGPEGRI IKKDIDSFVP TKAAPAAAAA APPGPRVAPT PAGVFIDIPI SNIRRVIAQR LMQSKQTIPH YYLSVDVNMG EVLLVRKELN KMLEGKGKIS VNDFIIKASA LACLKVPEAN SSWMDTVIRQ NHVVDVSVAV STPAGLITPI VFNAHIKGLE TIASDVVSLA SKAREGKLQP HEFQGGTFTI SNLGMFGIKN FSAIINPPQA CILAIGASED KLIPADNEKG FDVASVMSVT LSCDHRVVDG AVGAQWLAEF KKYLEKPVTM LL
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

Product Details

	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	DLAT
Alternative Name:	Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial (Dlat) (DLAT Products)
Background:	Recommended name: Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial. EC= 2.3.1.12. Alternative name(s): 70 kDa mitochondrial autoantigen of primary biliary cirrhosis. Short name= PBC Dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase complex Pyruvate dehydrogenase complex component E2. Short name= PDC-E2. Short name= PDCE2
UniProt:	P08461

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

Handling

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.