Datasheet for ABIN7583371

Adenylosuccinate Lyase Protein (ADSL) (AA 2-490) (His tag)

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Overview

Quantity:	100 µg
Target:	Adenylosuccinate Lyase (ADSL)
Protein Characteristics:	AA 2-490
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Adenylosuccinate Lyase protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AAAGDRGGR EAACGHDSYR SPLASRYASP EMCFLFSDKY KFRTWRQLWL WLAEAEQTLG LPITDEQIQE MKSNLDNIDF RMAAEEEKQL RHDVMAHVHT FAHCCPKAAS IIHLGATSCY VGDNTDLIIL RNAFDLLLPK LARVISRLAD FAKEQADLPT LGFTHFQPAQ LTTVGKRCCL WIQDLCMDLQ NLKRVRDELR FRGVKGTTGT QASFLQLFEG DDQKVEQLDK MVTEKAGFKR AFIITGQTYT RKVDIEVLSV LASLGASVHK ICTDIRLLAN LKEMEEPFEK QQIGSSAMPY KRNPMRSERC CSLARHLMAL VMDPLQTASV QWFERTLDDS ANRRICLAEA FLTADTVLNT LQNISEGLVV YPKVIERRVQ QELPFMATEN IIMAMVKAGG NRQDCREKIR VLSQQAAAVV KQEGGDNDLI ERIQADAYFS PIHSQLDHLL DPSSFTGRAS QQVQRFLEEE VCPLLKPYES VMKVKAELRL
Specificity:	Bos taurus (Bovine)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	Adenylosuccinate Lyase (ADSL)
Abstract:	ADSL Products
Background:	Recommended name: Adenylosuccinate lyase. Short name= ASL. EC= 4.3.2.2. Alternative name(s): Adenylosuccinase. Short name= ASase
UniProt:	A3KN12
Pathways:	Ribonucleoside Biosynthetic 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 one week

Handling

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