

Datasheet for ABIN7583374

ADSSL1 Protein (AA 1-457) (His tag)



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Overview

Quantity:	100 µg
Target:	ADSSL1
Protein Characteristics:	AA 1-457
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADSSL1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSGTRASNDR PPSAGGVKRG RLQHEAATTG SRVTVVLGAQ WGDEGKGKVV DLLATDADV SRCQGGNNAG HTVVVDGKEY DFHLLPSGII NPKAVSFIGN GVVVHLPGLF EEAKEKNEKKG LKDWKRLVI SDRAHLVDFD HQAVDGLQEV QRQAQEGKNI GTTRKGIGPA YSSKAARTGL RICDLLSDFD EFSSRFKNLA RQHQSMFPSL EVDVEGQLKR LKGFAERIRP MVRDGVYFMY EALHGPPKKI LVEGANAALL DIDFGTYPFV TSSNCTVGGV CTGLGIPPQN IGEVYGVVKA YTTRVGIGAF PTEQINEIGD LLQSRGHEWG VTTGRKRRCG WLDLMILRYA HVMNGFTALA LTKLDILDAL DEIKVGVAYK LGGKRIPYFP ANQEILQKVE VEYETLPGWK ADTTGARKWE DLPPQAQSYI RFVENHVGVA VKWVGVGKSR DSMIQLF
Specificity:	Bos taurus (Bovine)
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.

Product Details

Purity: > 90 %

Target Details

Target: ADSSL1

Alternative Name: Adenylosuccinate synthetase isozyme 1 (ADSSL1) ([ADSSL1 Products](#))

Background: Recommended name: Adenylosuccinate synthetase isozyme 1.
Short name= AMPSase 1.
Short name= AdSS 1.
EC= 6.3.4.4.
Alternative name(s): Adenylosuccinate synthetase, basic isozyme Adenylosuccinate synthetase, muscle isozyme.
Short name= M-type adenylosuccinate synthetase IMP--aspartate ligase 1

UniProt: [A5PJR4](#)

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 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

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.