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Datasheet for ABIN1621449

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

Overview

Quantity:	1 mg
Target:	ADSS
Protein Characteristics:	AA 1-457
Origin:	Xenopus tropicalis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADSS protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSAENGSPGL PNGGVCCATD SGRCSLVGNK VTVVLGAQWG DEGKGKVVDL LAQDADIVCR CQGGNNAGHT VVVDSEYDF HLLPSGIINQ NAIAFIGNGV VIHLPGLFEE AEKNLKKGGQ LVGWEKRLCI SDRAHIVFDF HQAADGIQEQ QRQEQAGKNL GTTKKGIGPV YSSKAARSGL RMCDLVSDFS EFSQRFKLLA KQYKSMYPSL EIDIDGELKK LQDYADRVKP MVKDGVVYLY EALHGPPKNI LVEGANAALL DIDFGTYPFV TSSNCTVGGV CTGLGIPPQS VGDVYGVVKA YTTRVGIGAF PTEQNNDTGE MLQTRGHEYG VTTGRKRRCG WLDLVLLRYA HMINGFTALA LAKLDILDVL SEIKVGVSYSK IDGKKIPHFP ANQEV LNRVE VEYETLP GWN TDTCNVRTFE ELPENAKKYV RYIELELGIP IKWIGVGKSR ESMIQLF
Specificity:	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
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: ADSS

Alternative Name: Adenylosuccinate synthetase isozyme 2 B (adss-b) ([ADSS Products](#))

Background: Recommended name: Adenylosuccinate synthetase isozyme 2 B.
Short name= AMPSase 2 B.
Short name= AdSS 2 B.
EC= 6.3.4.4.
Alternative name(s): Adenylosuccinate synthetase, acidic isozyme B Adenylosuccinate synthetase, liver isozyme B.
Short name= L-type adenylosuccinate synthetase B IMP--aspartate ligase 2 B

UniProt: [Q28GB0](#)

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.