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## Datasheet for ABIN1630246 ADSS Protein (AA 1-455) (His tag)

### Overview

Quantity:	1 mg
Target:	ADSS
Protein Characteristics:	AA 1-455
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADSS protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MSDSGDAQPQ DGGNSSSSRG KSPSVGNRVT VVLGAQWGDE GKGKVVDLLA QDADMVCRQC GGNNAGHTVV VDSVEYDFHL LPSGIINPKV TAFIGNGVVI HLPGLFEEAE KNVRKGKGLE GWESRLIISD RAHIVDFHQ AVDGVQEQR QQQAGKNLGT TKGIGPVYS AKAARSGLRI CDLLADFQEF SERFKHLASQ YKSMYPSLEI DVDGELEKLK SYVDRIKPMV RDGVFFMYEA LHGDPKRILV EGANAALLDI DFGTYPFVTS SNCTVGGVCT GLGMPPQNVG EVYGVVKAYT TRVGIGAFPT EQSNETGELL QTRGKEVGVT TGRKRRCGWL DLVLIKYAHM INGFTALALT KLDILDVLPE IKVGVAIVKN GETIPHFPAQ QEVLLQKVEVE YETLPGWSTD TSAVRTFEEL PENAKKYVCF IEDRLGVPVK WIGVGKSRES MIQLF
Specificity:	Danio rerio (Zebrafish) (Brachydanio rerio)
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

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Purity: > 90 %

## Target Details

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Target: ADSS

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

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

UniProt: [Q568F6](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

## Application Details

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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

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Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

## Handling

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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.