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Datasheet for ABIN1676348  
**ADSSL1 Protein (AA 1-456) (His tag)**

### Overview

Quantity:	1 mg
Target:	ADSSL1
Protein Characteristics:	AA 1-456
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADSSL1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MSSGWSQNDH RSYSNPPPVS GKRPRNDSGN KVTVVLGAQW GDEGKGGKVV D LLATESDIVG RCQGGNNAGH TVVVEEKEYD FHLLPSGIIN TKCTSFING VVIHLPLGFE EIDKNEKKGL KGWEKRLVIS DRAHIVDFH QAVDGLQETQ RQAQEGKNIG TTKKGIGPTY ACKASRTGLR ICDLMADFNE FSTRVKNLVQ QYQSMYPTLK VDVESELKKL KEAERIRPL VRDGVYFMYD AIHGPQKKIL VEGANAALLD IDFGTYPFVT SSNCTVGGVC TGLGIPPANI GDVYGVSKAY TTRVGIGAFP TEQLNAV GEL LQTRGHEVGV TTGRKRRCGW LDLVILKYAH MINGFTAIAL TKLDILDVLD EIKVGVAYKI NGKRIPHFA NLEVLQKVEV EYETFPGWKS D TSAARKWGD LPAKAQNYIR FVENHIGVPI KWWGVGKSRE CMIQMF
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: 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: [Q6NSN5](#)

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

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Storage: -20 °C

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