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Datasheet for ABIN1476564

**ASL Protein (AA 1-461) (His tag)**

## Overview

Quantity:	1 mg
Target:	ASL
Protein Characteristics:	AA 1-461
Origin:	Schizosaccharomyces pombe
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ASL protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MAEKSSKKLW GGRFSGATDP LMAEFNKSIY SGKEMCEEDV IGSMAYAKAL CQKNVISEEE LNSILKGLEQ IQREWNSGQF VLEPSDEDVH TANERRLTEI IGDVAGKLHT GRSRNDQVTT DLRLWLCKRKI KEVEVYVINL LKVFTNRAEM EIDVIMSGYT HLQRAQPVRW SHFLMSHALP LLGDLGRLRQ LYTRVSQLPL GAGALAGNPF NVDREFLRKE LGFEGIMNS MNAVGDGRDFV IEFMFWAGMV MLHISRFAED LIIYSSEFG FVTLSDAYST GSSIMPQKKN PDSLELLRGK SGRVLGDMIG LMITVKGTPT TYNKDLQEDK EPLFDAFKTV SDSLQILTGV VSTLTINPTK IAESLTPDLL ATDLAEYLVR KGLPFRQTHH ISGSAVRMAE ERNTTLDKLS VSDLQSLHPL FDEDVSKVFN YEESVEKRCS IGGTAKHCVQ EQIEHIRSAI L
Specificity:	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
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: ASL

Alternative Name: Argininosuccinate lyase (arg7) ([ASL Products](#))

Background: Recommended name: Argininosuccinate lyase.  
Short name= ASAL.  
EC= 4.3.2.1.  
Alternative name(s): Arginosuccinase

UniProt: [P40369](#)

Pathways: [Response to Growth Hormone Stimulus](#)

## 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 Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

## Handling

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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.