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## Datasheet for ABIN1608920 ASL Protein (AA 1-473) (His tag)

### Overview

Quantity:	1 mg
Target:	ASL
Protein Characteristics:	AA 1-473
Origin:	Chlamydomonas reinhardtii
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ASL protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MAQAAAAPAD NTKKLWGGRF TGKTDPLMEK FNESLPFDRK LWAEDIKGSQ AYAKALAKAG</p> <p>ILAHDEAVTI VEGLAKVAEE WKAGAFVIKA GDEDIHTANE RRLTELVGAV GGKLHTGRSR</p> <p>NDQVATDYRL WLVGQVEVMR SEVGELMRVA ADRSEAEVEV LMPGFTHLQN AMTVRWSHWL</p> <p>MSHAAAWQRD DMRLRDLLPR VATLPLGSGA LAGNPFLVDR QFIAKELGFG GGVCPSMDA</p> <p>VSDRDFVIET VFAASLLCVH LSRWAEDLII YSSGPFQYVQ CSDAYATGSS LMPQKKNPDA</p> <p>LELIRGKGGV VQGNLMGVMA VLKGTPTTYN KDFQECWELL FDTVDTVHVDV VRIATGVLST</p> <p>LRIKPDRMKA GLSADMLATD LAEYLVRKGV PFRETHHHSG AAVKMAEDRG CTLFDLTVDD</p> <p>LKTIHPLFTD DVAHVWDFNR SAEMRDTEGG TSKRSVLEQV QKMRTYLAAE GQH</p>
Specificity:	Chlamydomonas reinhardtii (Chlamydomonas smithii)
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: 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: [P22675](#)

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

## 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 modiflicated 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 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.