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Datasheet for ABIN1608907  
**ASL2 Protein (AA 1-468) (His tag)**

### Overview

Quantity:	1 mg
Target:	ASL2
Protein Characteristics:	AA 1-468
Origin:	Duck
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ASL2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MASEARGDKL WGGRFSGSTD PIMEKLNSSI AYDQRLSEVD IQGSMAYAKA LEKAGILTKT ELEKILSGLE KISEEWSKGV FVVKQSDEDI HTANERRLKE LIGDIAGKLH TGRSRNDQVV TDLKLFMKNS LSIISTHLLQ LIKTLVERAA IEIDVILPGY THLQKAQPIR WSQFLLSHAV ALTRDSERLG EVKKRINVLP LGSGALAGNP LDIDREMLRS ELEFASISLN SMDAISERDF VVEFLSFATL LMIHLSKMAE DLIISTSEF GFLTLSDAFS TGSSLMPQKK NPDSLELIRS KAGRVFGRLA SILMVLKGLP STYNKDLQED KEAVFDVVDV LTAVLQVATG VISTLQISKE NMEKALTPEM LATDLALYLV RKGVPFRQAH TASGKAVHLA ETKGITINKL SLEDLKSISP QFSSDVSQVF NFVNSVEQYT ALAGTAKSSV TTQIEQLREL MKKQKEQA
Specificity:	Anas platyrhynchos (Domestic duck) (Anas boschas)
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: ASL2

Alternative Name: Argininosuccinate Lyase (ASL2) ([ASL2 Products](#))

Background: Recommended name: Argininosuccinate lyase.  
Short name= ASAL.  
EC= 4.3.2.1.  
Alternative name(s): Argininosuccinase Delta crystallin II Delta-2 crystallin

UniProt: [P24058](#)

## 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

Storage: -20 °C

## Handling

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