

# Human Arginosuccinase / ASL Protein (His & GST Tag)

Catalog Number: 14080-H20B



**Sino Biological Inc.**  
Biological Solution Specialist

## General Information

### Gene Name Synonym:

ASAL; ASL; 2510006M18Rik

### Protein Construction:

A DNA sequence encoding the human ASL(P04424) (Met1-Ala464) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

**Source:** Human

**Expression Host:** Baculovirus-Insect Cells

## QC Testing

**Purity:** > 90 % as determined by SDS-PAGE

### Endotoxin:

< 1.0 EU per  $\mu$ g of the protein as determined by the LAL method

### Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

**Predicted N terminal:** Met

### Molecular Mass:

The recombinant human ASL/GST chimera consists of 701 amino acids and has a calculated molecular mass of 79.5 kDa. The recombinant protein migrates approximately 68 kDa band in SDS-PAGE under reducing conditions.

### Formulation:

Lyophilized from sterile 20mM Tris,500mM NaCl,3mM DTT, pH 8.0,10% glycerol.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage:

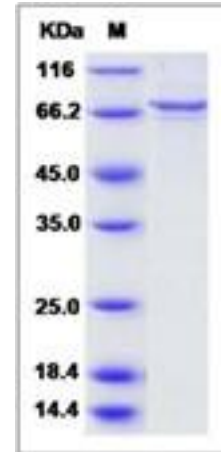
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



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Fax :+86-10-51029969 • Tel:+86-400-890-9989 • <http://www.sinobiological.com>