

# ASS1 Antibody

Argininosuccinate Synthase 1, Mouse Anti Human  
ABM0043

## Product Overview

Name ASS1 Antibody

### Description

Argininosuccinate Synthase 1, Mouse Anti Human

### Synonyms

ASS, CTLN1, EC 6.3.4.5, ASS1, Argininosuccinate Synthase 1.

### Introduction

ASS1 is involved in the urea cycle, which is a sequence of chemical reactions that is localized in liver cells. The urea cycle processes excess nitrogen that is generated as the body uses proteins. The surplus nitrogen is used to create a molecule called urea, which is excreted from the body in urine.

### Source

Escherichia Coli.

### Physical Appearance

Sterile filtered colorless solution.

### Formulation

ASS1 Human 0.5mg/ml solution containing 20mM Tris-HCl pH-8, 0.1M NaCl, 1mM DTT & 20% glycerol.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Purity

Greater than 90.0% as determined by SDS-PAGE.

### Amino acid sequence

MGSSHHHHHH SSSLVPRGSH MSSKGSVVLA YSGGLDTSCI LVWLKEQGYD VIAYLANIGQ KEDFEEARKK  
ALKLGAKKVF IEDVSREFVE EFIWPAIQSS ALYEDRYLLG TSLARPCAR KQVEIAQREG AKYVSHGATG  
KGNDQVRFEL SCYSLAPQIK VIAPWRMPEF YNRFKGRNDL MEYAKQHGIS IPVTPKNPWS MDENLMHISY  
EAGILENPKN QAPPGLYTKT QDPAKAPNTP DILEIEFKKG VPVKVTNVKD GTTHQTSLEL FMYLNEVAGK  
HGVGRIDIVE NRFIMKSRG IYETPAGTIL YHAHLDIEAF TMDREVRKIK QGLGLKFAEL VYTGFWHSPE  
CEFVRHCAIK SQERVEGKVQ VSVLKGQVYI LGRESPLSLY NEELVSMNVQ GDYEPTDATG FININSLRLK  
EYHRLQSKVT AK.

## Precautions

ASS1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.