

## Recombinant Human ASL

Catalog No: #GP11073



Package Size: #GP11073-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Human ASL
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 247 amino acids of human argininosuccinate lyase
Target Name	argininosuccinate lyase
Other Names	ASAL
Accession No.	Swissprot:P04424Gene Accession:BC008195
Uniprot	P04424
GeneID	435;
Storage	-20~-80°C, pH 7.6 PBS

## Background

This gene encodes a member of the lyase 1 family. The encoded protein forms a cytosolic homotetramer and primarily catalyzes the reversible hydrolytic cleavage of argininosuccinate into arginine and fumarate, an essential step in the liver in detoxifying ammonia via the urea cycle. Mutations in this gene result in the autosomal recessive disorder argininosuccinic aciduria, or argininosuccinic acid lyase deficiency. A nontranscribed pseudogene is also located on the long arm of chromosome 22. Alternatively spliced transcript variants encoding different isoforms have been described.?

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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