

# Recombinant Human ASS1

Catalog No: #GP12605



Package Size: #GP12605-1 100ug

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## Description

Product Name	Recombinant Human ASS1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 213-412 amino acids of human ASS1
Target Name	argininosuccinate synthase 1
Other Names	ASS; CTLN1
Accession No.	Swissprot:P00966Gene Accession:BC021676
Uniprot	P00966
GeneID	445;
Storage	-20~-80°C, pH 7.6 PBS

## Background

The protein encoded by this gene catalyzes the penultimate step of the arginine biosynthetic pathway. There are approximately 10 to 14 copies of this gene including the pseudogenes scattered across the human genome, among which the one located on chromosome 9 appears to be the only functional gene for argininosuccinate synthetase. Mutations in the chromosome 9 copy of this gene cause citrullinemia. Two transcript variants encoding the same protein have been found for this gene.

## 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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