

ASS1 抗原（重组蛋白）

中文名称： ASS1 抗原（重组蛋白）

英文名称： ASS1 Antigen (Recombinant Protein)

别名： argininosuccinate synthase 1; ASS; CTLN1

相关类别： 抗原

储存： 冷冻（-20℃）

概述

Fusion protein corresponding to a region derived from 213-412 amino acids of human ASS1

技术规格

Full name:	argininosuccinate synthase 1
Synonyms:	ASS; CTLN1
Swissprot:	P00966
Gene Accession:	BC021676
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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.