

ASL 抗原（重组蛋白）

中文名称：ASL 抗原（重组蛋白）

英文名称：ASL Antigen (Recombinant Protein)

别名：ASAL

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to C terminal 247 amino acids of human ASL

技术规格：

Full name:	argininosuccinate lyase
Synonyms:	ASAL
Swissprot:	P04424
Gene Accession:	BC008195
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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

dogene is also located on the long arm of chromosome 22. Alternatively spliced transcript variants encoding different isoforms have been described.