

ADSL 抗原（重组蛋白）

中文名称：ADSL 抗原（重组蛋白）

英文名称：ADSL Antigen (Recombinant Protein)

别名：adenylosuccinate lyase; ASL; AMPS; ASASE

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 235-484 amino acids of human ADSL

技术规格：

Full name:	adenylosuccinate lyase
Synonyms:	ASL; AMPS; ASASE
Swissprot:	P30566
Gene Accession:	BC000253
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 belongs to the lyase 1 family. It is an essential enzyme involved in purine metabolism, and catalyzes two non-sequential reactions in the de novo purine biosynthetic pathway: the conversion of succinylaminoimidazole carboxamide ribotide (SAICAR) to aminoimidazole carboxamide ribotide (AICAR) and the conversion of adenylosuccinate (S-AMP) to adenosine monophosphate (AMP). Mutations in this gene are associated with adenylosuccinase deficiency (ADSLD), a disorder

er marked with psychomotor retardation, epilepsy or autistic features. Alternatively spliced transcript variants have been found for this gene.