

ALAS1 抗原（重组蛋白）

中文名称：ALAS1 抗原（重组蛋白）

英文名称：ALAS1 Antigen (Recombinant Protein)

别名：aminolevulinate, delta-, synthase 1; ALAS; MIG4; ALAS3; ALASH

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to C terminal 219 amino acids of human ALAS1

技术规格：

Full name:	aminolevulinate, delta-, synthase 1
Synonyms:	ALAS; MIG4; ALAS3; ALASH
Swissprot:	P13196
Gene Accession:	BC011798
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 the mitochondrial enzyme which catalyzes the rate-limiting step in heme (iron-protoporphyrin) biosynthesis. The enzyme encoded by this gene is the housekeeping enzyme; a separate gene encodes a form of the enzyme that is specific for erythroid tissue. The level of the mature encoded protein is regulated by heme: high levels of heme down-regulate the mature enzyme in mitochondria while low heme levels up-regulate. A pseudogene of this gene is located on chromosome 12. Multiple alternatively spliced variants, encoding the same protein, have been identified.

