

CARS1 抗原（重组蛋白）

中文名称：CARS1 抗原（重组蛋白）

英文名称：CARS1 Antigen (Recombinant Protein)

别名：cysteinyI-tRNA synthetase 1; CARS; CYSRS; MGC:11246

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 1-200 amino acids of human CARS1

技术规格

Full name:	cysteinyI-tRNA synthetase 1
Synonyms:	CARS; CYSRS; MGC:11246
Swissprot:	P49589
Gene Accession:	BC002880
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 class 1 aminoacyl-tRNA synthetase, cysteinyI-tRNA synthetase. Each of the twenty aminoacyl-tRNA synthetases catalyzes the aminoacylation of a specific tRNA or tRNA isoaccepting family with the cognate amino acid. This gene is one of several located near the imprinted gene domain on chromosome 11p15.5, an important tumor-suppressor gene

region. Alterations in this region have been associated with Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian and breast cancers. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Aug 2010]