

## 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

<b>Full name:</b>	cysteinyI-tRNA synthetase 1
<b>Synonyms:</b>	CARS; CYSRS; MGC:11246
<b>Swissprot:</b>	P49589
<b>Gene Accession:</b>	BC002880
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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

ma, and lung, ovarian and breast cancers. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Aug 2010]