

Recombinant Human CARS

Catalog No: #GP12710



Package Size: #GP12710-1 100ug

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Description

Product Name	Recombinant Human CARS
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-200 amino acids of human CARS
Target Name	cysteinyl-tRNA synthetase
Other Names	CARS1; CYSRS; MGC:11246
Accession No.	Swissprot:P49589Gene Accession:BC002880
Uniprot	P49589
GeneID	833;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a class 1 aminoacyl-tRNA synthetase, cysteinyl-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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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