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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CARS 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000833-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

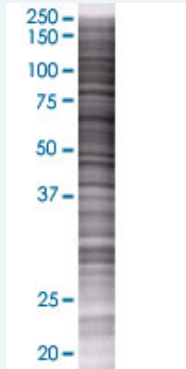
Plasmid: pCMV-CARS full-length

Host: Human

Theoretical MW (kDa): 82.39

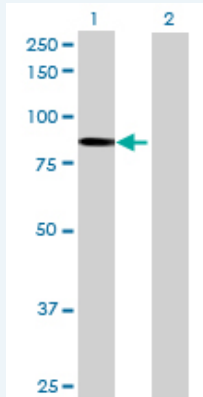
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-CARS antibody (H00000833-B01) by Western Blots.

SDS-PAGE Gel



CARS transfected lysate.

Western Blot



Lane 1: CARS transfected lysate (82.39 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID: [833](#)

GeneBank Accession#: [NM_001751.4](#)

Protein Accession#: [NP_001742.1](#)

Gene Name: CARS

Gene Alias: CARS1,CYSRS,MGC:11246

Gene Description: cysteinyl-tRNA synthetase

Omim ID: [123859](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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 of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq]

Other Designations: OTTHUMP00000012605,cysteine tRNA ligase 1, cytoplasmic,cysteine translase,cysteine-tRNA ligase

Gene Pathway

[Aminoacyl-tRNA biosynthesis](#)

Related Disease

[Diabetes Mellitus, Type 1](#), [Diabetes Mellitus, Type 2](#), [Diabetic Nephropathies](#), [Genetic Predisposition to Disease](#), [Kidney Failure](#), [Chronic Proteinuria](#)

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