

Recombinant Mouse Cars Protein, Myc/DDK-tagged

Cat. No. Cars-1967M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length cysteinyl-tRNA synthetase (Cars), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Ubiquitous expression in CNS E11.5 (RPKM 11.8), liver E14 (RPKM 11.5) and 28 other tissues.
Molecular Mass	94.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Cars cysteinyl-tRNA synthetase [Mus musculus (house mouse)]
Official Symbol	Cars
Synonyms	CARS; cysteinyl-tRNA synthetase; cysteine--tRNA ligase, cytoplasmic; cysRS; cysteinyl-tRNA synthetase, cytoplasmic; CA3
Gene ID	27267
mRNA Refseq	NM_013742
Protein Refseq	NP_038770
UniProt ID	Q9ER72

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