

Recombinant Mouse Cs Protein, Myc/DDK-tagged

Cat. No. Cs-2337M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length citrate synthase (Cs), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoded by this gene is a central metabolic pathway enzyme, catalyzing the first step of the tricarboxylic acid cycle in which acetyl coenzyme A and oxaloacetate are converted to citrate and coenzyme A. This enzyme is found in nearly all cells capable of oxidative metabolism. This protein is nuclear encoded and transported into the mitochondrial matrix, where the mature form is found.
Molecular Mass	52.2 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.

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GENE INFORMATION

Gene Name	Cs citrate synthase [Mus musculus (house mouse)]
Official Symbol	Cs
Synonyms	CS; citrate synthase; citrate synthase, mitochondrial; Cis; BB234005; 2610511A05Rik; 9030605P22Rik
Gene ID	12974
mRNA Refseq	NM_026444
Protein Refseq	NP_080720
UniProt ID	Q9CZU6

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