

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA