

Product datasheet for **TP507418**

Cs (NM_026444) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse citrate synthase (Cs), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207418 representing NM_026444 Red =Cloning site Green =Tags(s)

MALLTAATRLLGAKNSSCLVLAARHASASSTNLKDVLNLIPEQARIKTFKQQHGKTVVGQITVDMMYG
GMRGMKGLVYETSVLDPDEGIRFRGYSIPECQKMLPKAKGEEPLPEGLFWLLVTGQMPTEEQVSWLSRE
WAKRAALPSHVVTMLDNFPTNLHPMSQLSAAITALNSESNFARAYAEGMNRKAWELIYEDCMDLIAKLP
CVAKIYRNLYREGSSIGAIDSRLDWSHNFTNMLGYTDPQFTELMRLYLIHSDHEGNNVSAHTSHLVGS
ALSDPYLSFAAAMNGLAGPLHGLANQEVLVWLTQLQKEVGKDVSDKLRDYIWNTLNSGRVVPGYGHAVL
RKTDPRYSCQREFALKHLPKDPMFKLVAQLYKIVPNILLEQGKAKNPWPNVDAHSGVLLQYYGMTEMNYY
TVLFGVSRALGVLAQLIWSRALGFPLERPMSMSTDGLMKFVDSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	52.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_080720
Locus ID:	12974



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UniProt ID: [Q9CZU6](#)

RefSeq Size: 2828

Cytogenetics: 10 D3

RefSeq ORF: 1392

Synonyms: 2610511A05Rik; 9030605P22Rik; ah; Ahl4; BB234005; C; Cis

Summary: 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. [provided by RefSeq, Jul 2016]