

Recombinant Human CS Protein, MYC/DDK-tagged

Cat. No. CS-3342H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CS protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a Krebs tricarboxylic acid cycle enzyme that catalyzes the synthesis of citrate from oxaloacetate and acetyl coenzyme A. The 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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	44.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	CS citrate synthase [Homo sapiens]
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Official Symbol	CS
Synonyms	citrate synthase, mitochondrial; citrate synthase
Gene ID	1431
mRNA Refseq	NM_004077
Protein Refseq	NP_004068
MIM	118950
UniProt ID	O75390

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