

Recombinant Human CS protein, His-tagged

Cat. No. CS-259H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CS protein(O75390) (Met1-Gly466) was expressed in Insect Cells, with a C-terminal polyhistidine tag.
Species	Human
Source	Insect Cells
ProteinLength	1-466 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.0.
Molecular Mass	The secreted recombinant human CS consists of 449 amino acids and predicts a molecular mass of 50.4 KDa. The apparent molecular mass of the protein is approximately 46 KDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

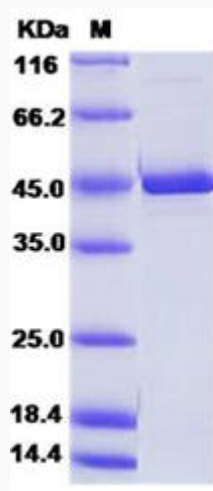
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

GENE INFORMATION

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

SDS-PAGE



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