

Recombinant Full Length Human CS Protein, GST-tagged

Cat. No. CS-2147HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CS full-length ORF (AAH00105.3, 1 a.a. - 264 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	264 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	54.67 kDa
AA Sequence	MDLIAKLPCVAAKIYRNLYREGSGIGAIDSNLDWSHNFTNMLGYTDHQFTELTRLYLTIHSDHEGGNVSAHTSHLVGSALSDPYLSFAAAMNGLAGPLHGLANQEVLVWLTQLQKEVGKDVSDKLRDYIWNTLNLSGRVVPYGHAVLRKTDPRYTCQREFALKHLPNDPMFKLVAQLYKIVPNVLLQEQKAKNPWPNVDAHSGVLLQYYGMTEMNYYTVLFGVSRALGVLAQLIWSRALGFPLERPMSMSTEGMLMKFVDSKSG
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

 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



Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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