

Active Recombinant Porcine Citrate Synthase

Cat. No. CS-01P Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Porcine Citrate Synthase was expressed in E. coli.
Species	Porcine
Source	E.coli
Description	Key enzyme of the Krebs tricarboxylic acid cycle which catalyzes the synthesis of citrate from acetyl coenzyme A and oxaloacetate.
Form	Clear liquid
Bio-activity	180 U/mg protein
Storage	Store at -20 centigrade for at least 2 years
Concentration	12 mg/mL
Unit definition	One unit will form 1.0 μ mole of Citrate from oxalacetate and acetyl CoA per min at pH 8.0 at 37 centigrade.
CAS No.	9027-96-7

GENE INFORMATION

Gene Name	CS citrate synthase [<i>Sus scrofa</i> (pig)]
-----------	---

 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

Official Symbol	CS
Synonyms	CS; citrate synthase; citrate synthase, mitochondrial; citrate (Si)-synthase; EC 2.3.3.1
Gene ID	397519
mRNA Refseq	NM_214276
Protein Refseq	NP_999441
UniProt ID	P00889

 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