

Recombinant Rat Cs protein, His & T7-tagged

Cat. No. Cs-1775R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cs aa. (Gly56~Leu312 (Accession # Q8VHF5)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gly56~Leu312
Description	Human homolog is an enzyme that catalyzes the synthesis of citrate from oxaloacetate and acetyl coenzyme.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate

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was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

Cs citrate synthase [*Rattus norvegicus* (Norway rat)]

Official Symbol

Cs

Synonyms

Cs; citrate synthase; citrate synthase, mitochondrial; citrate (Si)-synthase

Gene ID

170587

mRNA Refseq

NM_130755.1

Protein Refseq

NP_570111.1

UniProt ID

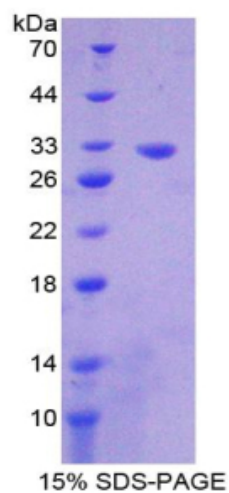
Q8VHF5

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SDS-PAGE



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