

Recombinant Rat Cth protein, His & GST-tagged

Cat. No. Cth-7094R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cth aa. (Val36~His299 (Accession# P18757)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Val36~His299
Description	Putative cystathionine gamma-lyase enzyme.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 59.1kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 8.9.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein

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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% sucrose, 0.01% sarcosyl.

Reconstitution

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

GENE INFORMATION

Gene Name

Cth cystathionine gamma-lyase [*Rattus norvegicus* (Norway rat)]

Official Symbol

Cth

Synonyms

Cth; cystathionine gamma-lyase; H; cystathionine gamma-lyase; CTL target antigen; PRB-RA; cystathionase (cystathionine gamma-lyase); cysteine-protein sulfhydrase; gamma-cystathionase; probasin-related antigen

Gene ID

24962

mRNA Refseq

NM_017074.1

Protein Refseq

NP_058770.1

UniProt ID

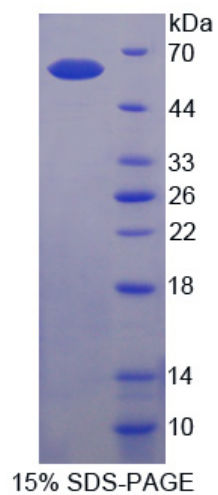
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SDS-PAGE



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