

Recombinant Mouse Cth protein, His-tagged

Cat. No. Cth-7093M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cth aa. (Phe14~Val224) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Phe14~Val224
Form	Freeze-dried powder
Molecular Mass	27kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 8.2.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive Labeling.
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 at 37°C for 48h, and no obvious degradation and precipitation were observed.

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(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.
Concentration	200ug/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex

GENE INFORMATION

Gene Name	Cth cystathionase (cystathionine gamma-lyase) [<i>Mus musculus</i> (house mouse)]
Official Symbol	Cth
Synonyms	Cth; cystathionase (cystathionine gamma-lyase); CSE; Cys3; AI314617; BC019483; 0610010I13Rik; cystathionine gamma-lyase; cysteine-protein sulfhydrase; gamma-cystathionase
Gene ID	107869
mRNA Refseq	NM_145953.2
Protein Refseq	NP_666065.1

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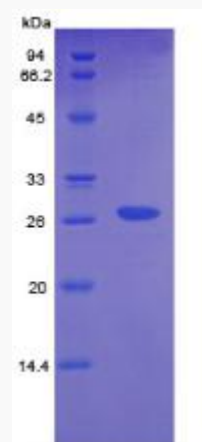
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UniProt ID

Q8VCN5

SDS-PAGE

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