

## Recombinant Rat Cst3 protein, His-tagged

**Cat. No.** Cst3-4094R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Cst3 protein(P14841-1)(Met1-Ala140), fused with His tag, was expressed in HEK293.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Ala140
<b>Form</b>	Lyophilized from sterile 20mM HEPES, 150mM NaCl, pH 7.0Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant rat CST3 comprises 131 amino acids and predicts a molecular mass of 14.7 kDa. The apparent molecular mass of the rat CST3 is approximately 18-25 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [Cst3 cystatin C \[ Rattus norvegicus \]](#)

**Official Symbol** [Cst3](#)

**Synonyms** CST3; cystatin C; cystatin-C; cystatin 3; cystatin-3; Cystatin C (cysteine proteinase inhibitor); CYSC; MGC105556;

**Gene ID** [25307](#)

**mRNA Refseq** [NM\\_012837](#)

**Protein Refseq** [NP\\_036969](#)

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