

Recombinant Rat Cst3 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Rat Cst3 protein(P14841-1)(Met1-Ala140), fused with His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Ala140
Form	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.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	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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