

## Recombinant Mouse Cst3 Protein, MYC/DDK-tagged

Cat. No. Cst3-946M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse cystatin C (Cst3), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	The protein encoded by this gene is a cysteine protease inhibitor involved in neurodegenerative and cardiovascular processes. The encoded protein inhibits aggregation of beta-amyloid protein, a hallmark of Alzheimer's disease, so it may be useful as a therapeutic. This protein also may be a biomarker for atherosclerosis.
<b>Molecular Mass</b>	16 kDa
<b>Purity</b>	>80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 g/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

**Gene Name** Cst3 cystatin C [ Mus musculus (house mouse) ]

**Official Symbol** Cst3

**Synonyms** Cst3; cystatin C; CysC; cystatin-C; cystatin-3

**Gene ID** 13010

**mRNA Refseq** NM\_009976

**Protein Refseq** NP\_034106

**UniProt ID** P21460

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