

Recombinant Mouse Cst3 Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse cystatin C (Cst3), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	16 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method
Storage Buffer	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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