

## 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.                                                                                                                                                                                                                                                                              |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## 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                                         |

 Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA