

## Active Recombinant Mouse Cst7 Protein, His-tagged

Cat. No. Cst7-1061M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Cst7 (Accession # O89098) Ala19-Gln144, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	Ala19-Gln144
<b>Predicted N Terminal</b>	Ala19
<b>Form</b>	Supplied as a 0.2 µ filtered solution in Tris, NaCl and Brij-35.
<b>Bio-activity</b>	Measured by its ability to inhibit active Cathepsin L cleavage of a fluorogenic peptide substrate Z-LR-AMC. The IC50 value is <60 nM, as measured under the described conditions.
<b>Molecular Mass</b>	Recombinant Mouse Cst7, His-tagged has a calculated MW of 15 kDa. In SDS-PAGE migrates as 20 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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**GENE INFORMATION****Gene Name** [Cst7 cystatin F \(leukocystatin\) \[ Mus musculus \]](#)**Official Symbol** [Cst7](#)**Synonyms** [CST7](#); [cystatin F \(leukocystatin\)](#); [cystatin-F](#); [cystatin 7](#); [cystatin-7](#); [cystatin-like metastasis-associated protein](#); [Cmap](#); [MGC151424](#); [MGC151426](#);**Gene ID** [13011](#)**mRNA Refseq** [NM\\_009977](#)**Protein Refseq** [NP\\_034107](#)**MIM** 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