Active Recombinant Mouse Cst7 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Cst7 (Accession # O89098) Ala19-Gln144, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Ala19-Gln144
Predicted N Terminal	Ala19
Form	Supplied as a 0.2 μm filtered solution in Tris, NaCl and Brij-35.
Bio-activity	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.
Molecular Mass	Recombinant Mouse Cst7, His-tagged has a calculated MW of 15 kDa. In SDS-PAGE migrates as 20 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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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	

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