

Active Recombinant Mouse Cst6 Protein, His-tagged

Cat. No. Cst6-767M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cst6 (Accession # NP_082899) Glu29-Val149 & Thr35-Val149, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Glu29-Val149 & Thr35-Val149
Predicted N Terminal	Glu29 & Thr35
Form	Lyophilized from a 0.2 µ filtered solution in MES and NaCl.
Bio-activity	Measured by its ability to inhibit papain cleavage of a fluorogenic peptide substrate Z-FR-AMC. The IC50 value is <7 nM, as measured under the described conditions.
Molecular Mass	Recombinant Mouse Cst6, His-tagged has a calculated MW of 19 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 (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	Cst6 cystatin E/M [Mus musculus]
Official Symbol	Cst6
Synonyms	CST6; cystatin E/M; cystatin-M; cystatin M; harlequin ichthyosis; harlequin ichthysosis; ichq; N28197; 1110017E11Rik;
Gene ID	73720
mRNA Refseq	NM_028623
Protein Refseq	NP_082899
MIM	

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