Recombinant Mouse Cst7 protein, His-tagged

Cat. No. Cst7-930M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cst7(Ala19-Gln144) fused with His tag at C-terminal was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Ala19-Gln144
Description	Mouse Cystatin F belongs to cystatin superfamily, which encompasses proteins that contain multiple cystatin-like sequences. It has been shown that Cystatin F is selectively expressed by hematopoietic cells and may be a biomarker for both liver metastasis and inflammatory lung disorders. Mouse Cystatin F inhibits papain and cathepsin L but with affinities lower than other cystatins. It may play a role in immune regulation through inhibition of a unique target in the hematopoietic system.
Form	Supplied as a 0.2 μm filtered solution of 20mM Tris,150mM NaCl, pH 8.0.
AA Sequence	ARPPDFCSKDLISSVKPGFPKTIETNNPGVLKAARHSVEKFNNCTNDIFLFKESHVSK ALVQVVK GLKYMLEVKIGRTTCRKTMHHQLDNCDFQTNPALKRTLYCYSEVWVIPW LHSFEVPVLLCQVDHH HHHH
Endotoxin	Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.

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

Storage	Store at < -20 centigrade, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Shipping	The product is shipped on dry ice/ice packs.

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
UniProt ID	O89098
Chromosome Location	2; 2 G1-G3
Function	cysteine-type endopeptidase inhibitor activity; peptidase inhibitor activity;

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