

## Product datasheet for **TP727939**

### Cst7 Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Cystatin F/CST7 (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Ala19-Gln144
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
Note:	Recombinant Mouse Cystatin F is produced by our Mammalian expression system and the target gene encoding Ala19-Gln144 is expressed with a 6His tag at the C-terminus.
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	12 months from date of despatch
Locus ID:	13011
UniProt ID:	<a href="#">O89098</a>
Synonyms:	Cystatin-F; Cystatin-like Metastasis-Associated Protein; Leukocystatin; CMAP; Cystatin-7; Cst7
Summary:	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.



[View online »](#)