

## 32-7953: Recombinant Mouse Cystatin F/CST7 (C-6His)(Discontinued)

**Gene :** Cst7  
**Gene ID :** 13011  
**Uniprot ID :** O89098

### Description

Source: Human Cells.  
MW :15.4kD.

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. 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.

### Product Info

**Amount :** 6His) / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM Tris,150mM NaCl, pH 8.0.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** ARPPDFCSKDLISSVKPGFKTIETNPNPGLKAARHSVEKFNNCTNDIFLFKESHVSKALVQVVKGLKYMLEVKIG  
RTTCRKTMHQDNCDFQTNPALKRRTLYCYSEVWVWIPWLHSFEVPLLCQVDHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.