

Cystatin F/CST7 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P7853
Synonyms:	rMuCystatin-F/CST7, His; Cystatin-F; Cystatin-like Metastasis-Associated Protein; Leukocystatin; CMAP; Cystatin-7; Cst7;
Species:	Mouse
Source:	HEK293
Accession:	O89098 (A19-Q144)
Gene ID:	13011
Molecular Weight:	Approximately 18.0 kDa

PROPERTIES

AA Sequence	<p>A R P P D F C S K D L I S S V K P G F P K T I E T N N P G V L K A A R H S V E K</p> <p>F N N C T N D I F L F K E S H V S K A L V Q V V K G L K Y M L E V K I G R T T C</p> <p>R K T M H H Q L D N C D F Q T N P A L K R T L Y C Y S E V W V I P W L H S F E V</p> <p>P V L L C Q</p>
Appearance	Solution.
Formulation	Supplied as a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl, pH 8.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	Cystatin F/CST7 protein serves as an inhibitor of papain and cathepsin L, albeit with affinities lower than other cystatins. Its distinctive feature lies in its potential role in immune regulation, where it acts by inhibiting a unique target within the hematopoietic system. This suggests that Cystatin F/CST7 may play a specialized role in modulating immune responses, contributing to the intricate regulatory network governing proteolytic activities in the context of hematopoiesis.
------------	--

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA