

Product Name: Recombinant Human CST7 (C-6His)
Catalog #: PHH0498

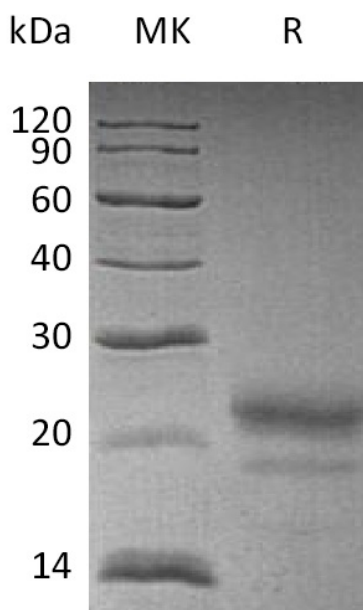


Summary

Name	Cystatin F/CST7
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Cystatin F is produced by our Mammalian expression system and the target gene encoding Gly20-His145 is expressed with a 6His tag at the C-terminus.
Accession #	O76096
Host	Human Cells
Species	Human
Predicted Molecular Mass	15.58 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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Alternative Names

Cystatin-F; Cystatin-7; Cystatin-Like Metastasis-Associated Protein; CMAP; Leukocystatin; CST7

Background

CST7 is a secreted protein and primarily expressed in peripheral blood cells and spleen. It belongs to the cystatin family. The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and the kininogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions. This gene encodes a glycosylated cysteine protease inhibitor with a putative role in immune regulation through inhibition of a unique target in the hematopoietic system.

Note

For Research Use Only , Not for Diagnostic Use.