

## Recombinant Human CST7 protein

Cat. No. CST7-680H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CST7 protein(NP_003641.3) (Met 1-His 145) with five amino acids (DDDDK) at the C-terminus was expressed and purified in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-145 aa
<b>Form</b>	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0
<b>Molecular Mass</b>	The recombinant human Cystatin F consists of 132 amino acids and predicts a molecular mass of 15.2 kDa. As a result of glycosylation, the apparent molecular mass of rhCystatin F is approximately 25 kDa in SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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## GENE INFORMATION

**Gene Name** CST7 cystatin F (leukocystatin) [ Homo sapiens ]

**Official Symbol** CST7

**Synonyms** CST7; cystatin F (leukocystatin); cystatin-F; cystatin-7; leukocystatin; cystatin-like metastasis-associated protein; CMAP;

**Gene ID** 8530

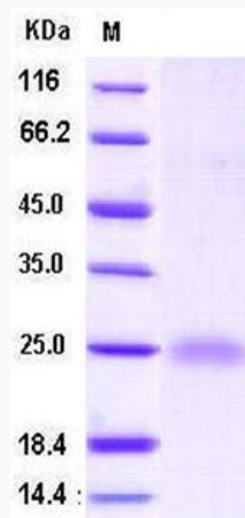
**mRNA Refseq** NM\_003650

**Protein Refseq** NP\_003641

**MIM** 603253

**UniProt ID** O76096

### SDS-PAGE



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