Recombinant Human CST7 protein

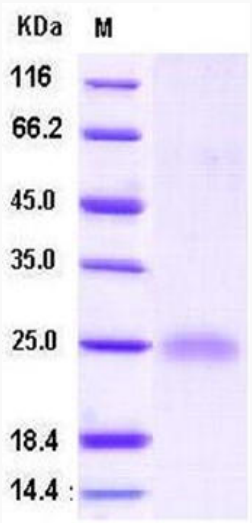
Cat. No. CST7-680H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	1-145 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0
Molecular Mass	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.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	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.
Reconstitution	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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