

Active Recombinant Human CST6 protein, His-tagged

Cat. No. CST6-1248H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human Cystatin-M/CST6 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Arg29-Met149) of human CST6 (Accession #NP_001314.1) fused with a 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Arg29-Met149
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its ability to inhibit papain cleavage of a fluorogenic peptide substrate Z-FR-AMC. The IC50 value is approximately 16 nM.
Molecular Mass	13&17 kDa
Endotoxin	< 0.01 EU/µg of the protein by LAL method.
Purity	> 95% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

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Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

GENE INFORMATION

Gene Name CST6 cystatin E/M [Homo sapiens]

Official Symbol CST6

Synonyms CST6; cystatin E/M; cystatin-M; cystatin 6; cystatin M; cystatin-6; cystatin-E; cystatin M/E; cysteine proteinase inhibitor;

Gene ID 1474

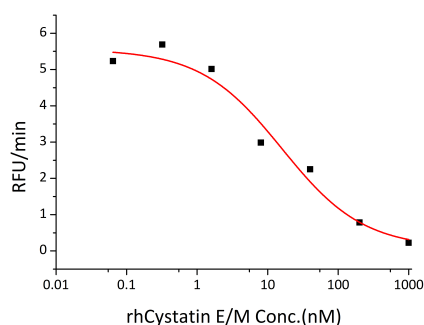
mRNA Refseq NM_001323

Protein Refseq NP_001314

MIM 601891

UniProt ID Q15828

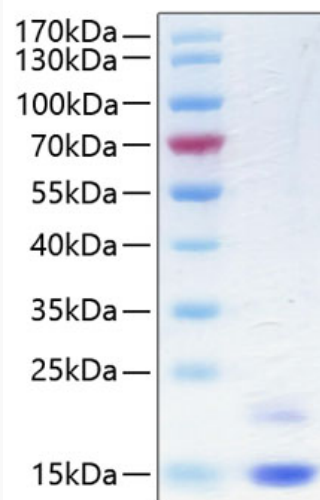
Activity



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SDS-PAGE

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