

Active Recombinant Human CSTA protein, His-tagged

Cat. No. CSTA-2591H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human Cystatin-A/CSTA Protein is produced by E. coli expression system. The target protein is expressed with sequence (Met1-Phe98) of human Cystatin-A (Accession #NP_005204.1) fused with a 6xHis tag at the C-terminus.
Species	Human
Source	E.coli
ProteinLength	Met1-Phe98
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 <0.7 nM.
Molecular Mass	14 kDa
Endotoxin	< 1.0 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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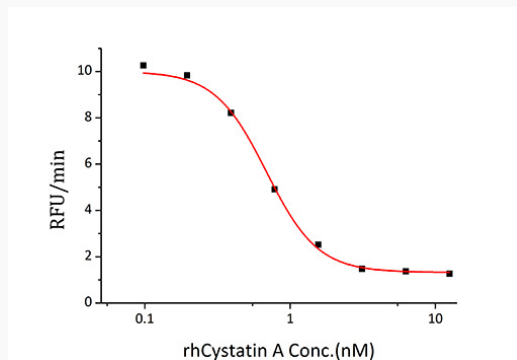
Reconstitution

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

SDS-PAGE



Bio-activity



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