

Active Recombinant Human CST3 protein, His-tagged

Cat. No. CST3-2641H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human Cystatin-C/CST3 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Met1-Ala146) of human Cystatin C/CST3 (Accession #NP_000090.1) fused with a 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Ala146
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 <11 nM.
Molecular Mass	17 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 97% 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

GENE INFORMATION

Gene Name CST3 cystatin C [Homo sapiens]

Official Symbol CST3

Synonyms CST3; cystatin C; cystatin C (amyloid angiopathy and cerebral hemorrhage); cystatin-C; cystatin 3; cystatin-3; gamma-trace; post-gamma-globulin; bA218C14.4 (cystatin C); neuroendocrine basic polypeptide; ARMD11; MGC117328;

Gene ID 1471

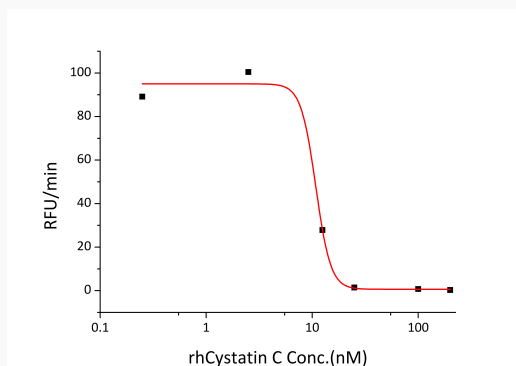
mRNA Refseq NM_000099

Protein Refseq NP_000090

MIM 604312

UniProt ID P01034

Bio-activity

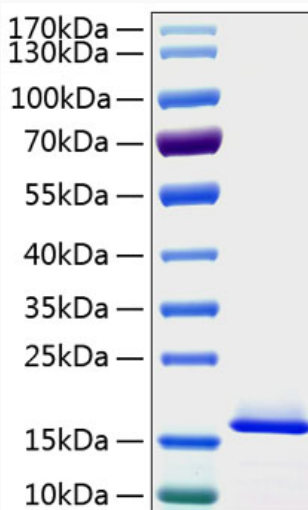


Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA