

Cystatin-C/CST3 Recombinant Protein | CST3 recombinant protein

Recombinant Rat Cystatin-C/CST3 Protein

CATALOG # AAA282588	HOST HEK293 cells
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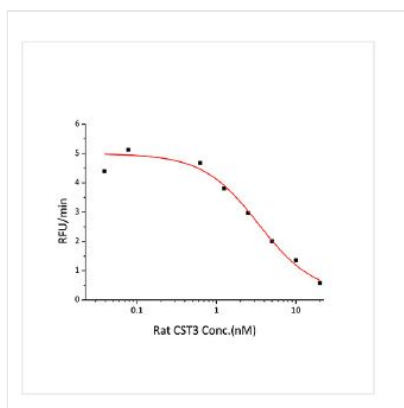
PRODUCT SYNONYMS

Cystatin-C/CST3; Recombinant Rat Cystatin-C/CST3 Protein; CYSC; Cystatin-C; CST3; CST3 recombinant protein

PRODUCT SPECIFICATIONS

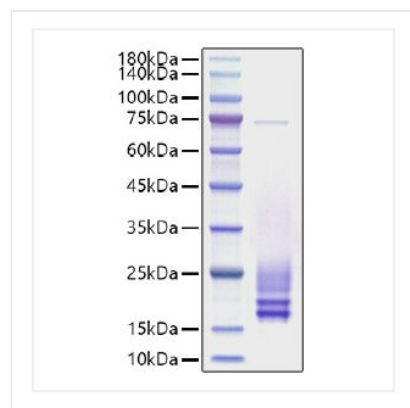
Host	HEK293 cells
Purity/Purification	> 92% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of 20mM HEPES and 150 mM NaCl; pH 7.0
Species	Rat
Tag	C-6His
Bioactivity	Measured by its ability to inhibit papain cleavage of a fluorogenic peptide substrate Z-FR-AMC . The IC50 value is <3.4 nM, under the described conditions.
Preparation and Storage	Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles. Ship: Ice Pack

IMAGES



Application Data

Recombinant Rat CST3 inhibit papain cleavage of a fluorogenic peptide substrate Z-FR-AMC . The IC50 value is



SDS-PAGE

Active Recombinant Rat Cystatin-C/CST3 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 18-25 kDa.

ADDITIONAL INFORMATION

Related Product Information for CST3 recombinant protein	Recombinant Rat Cystatin-C/CST3 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gly 21-Ala140) of rat Cystatin-C/CST3 (Accession #NP_036969.1) fused with and a 6xHis tag at the C-terminus.
Product Categories/Family for CST3 recombinant protein	Other Recombinant Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	54234046
NCBI GeneID	25307
NCBI Accession #	NP_036969.1
NCBI GenBank Nucleotide #	NM_012837.1
UniProt Accession #	P14841; Q5M968
Molecular Weight	15,437 Da
NCBI Official Full Name	cystatin-C
NCBI Official Synonym Full Names	cystatin C
NCBI Official Symbol	Cst3
NCBI Official Synonym Symbols	CYSC
NCBI Protein Information	cystatin-C; Cystatin C (cysteine proteinase inhibitor); cystatin 3; cystatin-3
UniProt Protein Name	Cystatin-C
UniProt Gene Name	Cst3
UniProt Entry Name	CYTC_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/cst3-recombinant-protein-hek293/282588>