

## Human Cystatin-SN/CST1 protein (Recombinant) (C-His) (STJP002564)

### GENERAL INFORMATION

Product Type	Proteins
Host / Source	HEK293 cells

### PRODUCT PROPERTIES

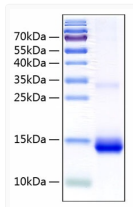
Formulation	Lyophilised from a 0.22 M filtered solution of PBS, pH 7.4.
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

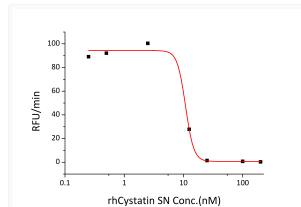
Gene ID	<a href="#">1469</a>
Gene Symbol	<a href="#">CST1</a>
UniProt ID	<a href="#">CYTN_HUMAN</a>
Immunogen Region	Trp21-Ser141
Immunogen Sequence	WSPKEEDRIIPGGIYNADLN DEWVQRALHFAISEYNKATK DDYRRPLRVLRARQQTVGG VNYFFDVEVGRITICTKSQPN LDTCAFHEQPELQKKQLCSF EIYEV PWENRRSLVKSRCQE S

### ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Recombinant Human Cystatin-SN/CST1 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 14-15 kDa.



Recombinant human CST1 inhibits active Cathepsin L cleavage of a fluorogenic peptide substrate Z-LR-AMC (Catalog # ES008). The IC<sub>50</sub> value is <math>< 11.0 \text{ nM}</math>.