

## Recombinant Human CST2 protein, His-tagged

**Cat. No.** CST2-3214H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CST2 protein(NP_001313.1) (Met 1-Ala 141) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.                                               |
| <b>Species</b>          | Human                                                                                                                                                                                |
| <b>Source</b>           | HEK293                                                                                                                                                                               |
| <b>ProteinLength</b>    | 1-141 aa                                                                                                                                                                             |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                |
| <b>Molecular Mass</b>   | The secreted recombinant human CST2 consists of 132 amino acids and migrates as an approximately 16 kDa band in SDS-PAGE under reducing conditions as predicted.                     |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                      |
| <b>Purity</b>           | > 98 % as determined by SDS-PAGE                                                                                                                                                     |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.        |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

## GENE INFORMATION

|                 |                                                                                                                                                                          |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | CST2 cystatin SA [ Homo sapiens ]                                                                                                                                        |
| Official Symbol | CST2                                                                                                                                                                     |
| Synonyms        | CST2; cystatin SA; cystatin-SA; cystatin 2; cystatin-2; cystatin S5; cystatin-S5; cysteine-proteinase inhibitor; salivary cysteine (thiol) protease inhibitor; MGC71924; |
| Gene ID         | 1470                                                                                                                                                                     |
| mRNA Refseq     | NM_001322                                                                                                                                                                |
| Protein Refseq  | NP_001313                                                                                                                                                                |
| MIM             | 123856                                                                                                                                                                   |
| UniProt ID      | P09228                                                                                                                                                                   |

 Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA