

## Recombinant Human CST5 protein, His-tagged

Cat. No. CST5-675H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CST5 protein(NP_001891.2) (Met 1-Val 142) with a C-terminal polyhistidine tag was expressed in HEK293.                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                |
| <b>Source</b>           | HEK293                                                                                                                                                                               |
| <b>ProteinLength</b>    | 1-142 aa                                                                                                                                                                             |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                |
| <b>Molecular Mass</b>   | The secreted mature recombinant human CST5 comprises 133 amino acids with the predicted molecular mass of 15.2 kDa as estimated by SDS-PAGE under reducing conditions.               |
| <b>Endotoxin</b>        | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                             |
| <b>Purity</b>           | > 95 % 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

|                        |                                                                                                |
|------------------------|------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CST5 cystatin D [ Homo sapiens ]                                                               |
| <b>Official Symbol</b> | CST5                                                                                           |
| <b>Synonyms</b>        | CST5; cystatin D; cystatin-D; cystatin 5; cystatin-5; cysteine-proteinase inhibitor; MGC71922; |
| <b>Gene ID</b>         | 1473                                                                                           |
| <b>mRNA Refseq</b>     | NM_001900                                                                                      |
| <b>Protein Refseq</b>  | NP_001891                                                                                      |
| <b>MIM</b>             | 123858                                                                                         |
| <b>UniProt ID</b>      | P28325                                                                                         |

### SDS-PAGE



 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