

## Recombinant Human CST6, His tagged

**Cat. No.** CST6-3171H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CST6 (NP_001314.1) (Met 1-Met 149), fused with a C-terminal polyhistidine tag, was produced in Human Cell.                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | Human Cells                                                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 1-149 a.a.                                                                                                                                                                                                                                                                                                                                                               |
| <b>Form</b>             | Lyophilized from sterile 25mM MES, 0.15M NaCl, pH 6.5                                                                                                                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | The mature form of recombinant human cystatin E/M consists of 132 amino acids and predicts a molecular mass of 15 kDa. It exists as two major forms with an identical N-terminal sequence. As a result of glycosylation, rh cystatin E/M migrates as doublets with the molecular mass of approximately 15 and 21 kDa respectively in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                                                                                                                                                                                                          |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -70oC.                                                                                                                                                                                                                                                                                                |
| <b>Storage</b>          | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted 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.                                                                                                                                                                                                                                                                                   |

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Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** CST6 cystatin E/M [ Homo sapiens ]

**Official Symbol** CST6

**Gene ID** 1474

**mRNA Refseq** NM\_001323

**Protein Refseq** NP\_001314

**MIM** 601891

**UniProt ID** Q15828

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