

# Recombinant Human CST2 Protein, C-10\*His (Active)

## Summary

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| <b>Catalog No.</b>           | AHC39401   |
| <b>Alternative Names</b>     | Cystatin-SA, Cystatin-S5, Cystatin-2, CST2   |
| <b>Form</b>                  | Lyophilized  |
| <b>Storage buffer</b>        | Lyophilized from a solution in PBS pH 7.4, 5% Trehalose, 5% Mannitol.  |
| <b>Purity</b>                | >90% as determined by SDS-PAGE.  |
| <b>Applications</b>          | Bioactivity, ELISA, Immunogen, SDS-PAGE, WB  |
| <b>Biological activity</b>   | Measured by its ability to inhibit active Cathepsin L cleavage of a fluorogenic peptide substrate Z-LR-AMC. The IC <sub>50</sub> value is <8.0 nM, as measured under the described conditions. |
| <b>Endotoxin level</b>       | <0.1 EU/μg of the protein by the LAL method.   |
| <b>Expression system</b>     | Mammalian Cells  |
| <b>Accession</b>             | P09228   |
| <b>Protein length</b>        | Trp21-Ala141   |
| <b>Nature</b>                | Recombinant  |
| <b>Stability and Storage</b> | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.                          |
| <b>Reconstitution</b>        | Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.  |
| <b>Species</b>               | Homo sapiens (Human)   |

**Shipping**

In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

**Note**

For research use only.

**Data Image**

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SDS-PAGE for Recombinant Human Cystatin  
SA/CST2 protein