

Datasheet for ABIN7607289

CST2 Protein (AA 21-141) (His tag)



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Overview

| | |
|-------------------------------|---|
| Quantity: | 50 µg |
| Target: | CST2 |
| Protein Characteristics: | AA 21-141 |
| Origin: | Human |
| Source: | Mammalian Cells |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Purification tag / Conjugate: | This CST2 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS), ELISA, Immunogen (Imm), Activity Assay (AcA) |

Product Details

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|------------------------------|--|
| Purpose: | Recombinant Human CST2 Protein, C-10*His (Active) |
| Purity: | >90 % as determined by SDS-PAGE. |
| Endotoxin Level: | <0.1 EU/µg of the protein by the LAL method. |
| Biological Activity Comment: | Measured by its ability to inhibit active Cathepsin L cleavage of a fluorogenic peptide substrate Z-LR-AMC. The IC50 value is <8.0 nM, as measured under the described conditions. |

Target Details

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|-------------------|---|
| Target: | CST2 |
| Alternative Name: | Cystatin-SA (CST2 Products) |

Target Details

Background: Cystatin-SA, Cystatin-S5, Cystatin-2, CST2

UniProt: [P09228](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: 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.

Expiry Date: 12 months