

# Human Cystatin SA / CST2 (His Tag) recombinant protein



Catalog Number: 500691

## General Information

### Gene Name Synonym

Cystatin-2; Cystatin-S5

### Protein Construction

A DNA sequence encoding the human CST2 (NP\_001313.1) (Met 1-Ala 141) was fused with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 98 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Trp 21

### Molecular Mass

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.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

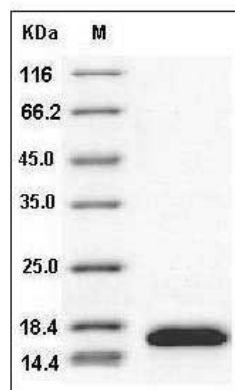
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human Cystatin SA / CST2 Protein (His Tag) SDS-PAGE