

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

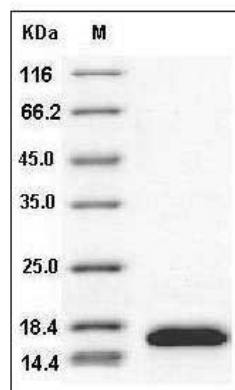
Storage

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