

Human Cystatin D / CST5 (His Tag) recombinant protein



Catalog Number: 501460

General Information

Gene Name Synonym

Cystatin-5

Protein Construction

A DNA sequence encoding the pro form of human Cystatin D (NP_001891.2) (Met 1-Val 142) with a C-terminal polyhistidine tag was expressed.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 95 % 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

Gly 21

Molecular Mass

The secreted mature recombinant human CST5

comprises 133 amino acids with the predicted molecular mass of 15.2 kDa as estimated by SDS-PAGE under reducing conditions.

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

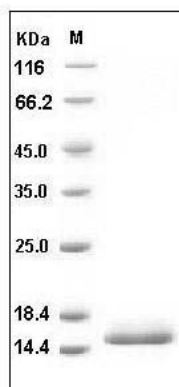
Storage

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 D / CST5 Protein (His Tag) SDS-PAGE