

Mouse Cathepsin D/CTSD (His Tag) recombinant protein



Catalog Number: 500821

General Information

Protein Construction

A DNA sequence encoding the mouse CTSD (NP_034113.1) precursor (Met 1-Leu 410) was expressed with a polyhistidine tag at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 96 % 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

Ile 21

Molecular Mass

The secreted recombinant mouse CTSD pro form consists of 401 amino acids and has a predicted molecular mass of 44.4 kDa. In SDS-PAGE under

reducing conditions, the apparent molecular mass of rmCTSD is approximately 48 kDa due to glycosylation.

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

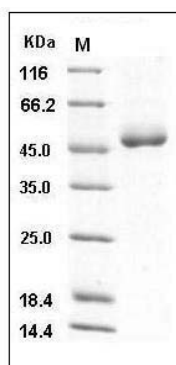
Storage

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



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