

# Mouse Cathepsin H / CTSH Protein (His Tag)



Sino Biological  
Biological Solution Specialist

Catalog Number: 50619-M08H

## General Information

### Gene Name Synonym:

AL022844

### Protein Construction:

A DNA sequence encoding the mouse CTSH (AAA82966.1) (Ala21-Val333) was expressed with a C-terminal polyhistidine tag.

**Source:** Mouse

**Expression Host:** HEK293 Cells

## QC Testing

**Purity:** > 90 % 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:** Ala 21

### Molecular Mass:

The recombinant mouse CTSH comprises 324 amino acids and has a predicted molecular mass of 36.6 kDa. The apparent molecular mass of the protein is approximately 42 kDa in SDS-PAGE under reducing conditions.

### Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage:

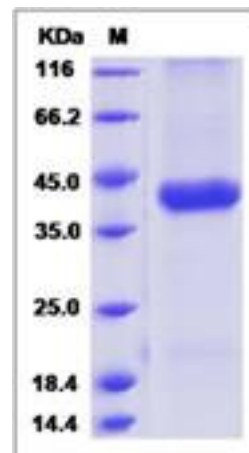
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



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