

Rat Cathepsin B/CTSB (His Tag) recombinant protein



Catalog Number: 503105

General Information

Gene Name Synonym

RCG52258, isoform CRA_a

Protein Construction

A DNA sequence encoding the rat Ctsb (NP_072119.2) (Met1-Phe339) was expressed with a polyhistidine tag at the C-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE.

Endotoxin

< 1.0 EU per μ g 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

His 18

Molecular Mass

The recombinant rat Ctsb consists 333 amino acids and predicts a molecular mass of 37.1 kDa.

Formulation

Lyophilized from sterile 25 mM Tris, 150 mM NaCl, pH 7.5.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

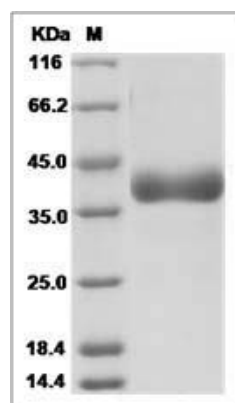
Storage

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



Rat Cathepsin B / CTSB Protein (His Tag)