# 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  $\mu g$  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**

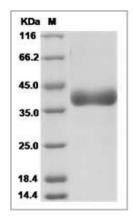
# **Storage**

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**



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