

# Mouse Chitinase-like 3 / Chi3l3 (His Tag) recombinant protein



Catalog Number: 500431

## General Information

### Gene Name Synonym

Beta-N-acetylhexosaminidase Ym1; Chitinase-3-like protein 3; ECF-L; Eosinophil chemotactic cytokine; Secreted protein Ym1

### Protein Construction

A DNA sequence encoding the mouse Chi3l3 (NP\_034022.2) (Met1-Tyr398) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE.

### Endotoxin

<1.0 EU per µg 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

Tyr 22

## Molecular Mass

The recombinant mouse Chi3l3 consists 388 amino acids and predicts a molecular mass of 43.8 kDa.

### 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

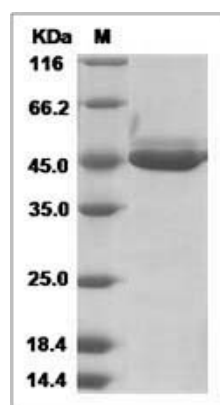
### Storage

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



Chi3l3 protein SDS-PAGE