# Mouse SerpinA3c (His Tag) recombinant protein

Catalog Number: 502532



## **General Information**

## Gene Name Synonym

Kallikrein-binding protein

#### **Protein Construction**

A DNA sequence encoding the extracellular domain of mouse SERPINA3C (NP\_032484.1) precursor (Met 1-Ala 417) was expressed, with a C-terminal polyhistidine tag.

## Organism

Mouse

## **Expression Host**

**Human Cells** 

# **QC Testing**

## **Purity**

> 95 % as determined by SDS-PAGE

#### **Endotoxin**

< 1.0 EU per  $\mu g$  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**

Asp 23

#### **Molecular Mass**

The secreted recombinant mouse SERPINA3C comprises 406 amino acids with a predicted molecular mass of 46 kDa. As a result of different glycosylation, the apparent molecular mass of rm SERPINA3C is approximately 50-60 kDa and 110 kDa in SDS-PAGE under reducing conditions.

#### **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**

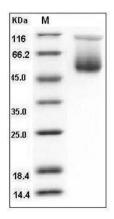
### **Storage**

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**



Mouse SerpinA3c Protein (His Tag) SDS-PAGE