

Mouse Serpinb3c (His Tag) recombinant protein



Catalog Number: 501340

General Information

Gene Name Synonym

Serine (Or cysteine) peptidase inhibitor, clade B, member 3C

Protein Construction

A DNA sequence encoding the mouse SERPINB3C (NP_958751.2) (Met 1-Pro 386) was expressed, with a C-terminal polyhistidine tag.

Organism

Mouse

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 95 % 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

Met 1

Molecular Mass

The recombinant mouse SERPINB3C consists of

397 amino acids and has a calculated molecular mass of 46.5 kDa. The apparent molecular mass of the protein is approximately 46 & 95 kDa in SDS-PAGE under reducing conditions, corresponding to the monomer and dimer.

Formulation

Lyophilized from sterile 50mM Tris 100mM NaCl, pH 8.0

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

Storage

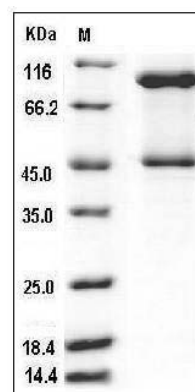
Store it under sterile conditions at -20°C to -80°C .

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 Serpinb3c Protein (His Tag) SDS-PAGE