

Mouse SerpinA3c Protein (His Tag)



Sino Biological
Biological Solution Specialist

Catalog Number: 50375-M08H

General Information

Gene Name Synonym:

1A1; Kalbp; Kikbp; MGC144822; Serpina3c; spi2

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.

Source: Mouse

Expression Host: HEK293 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: 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

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

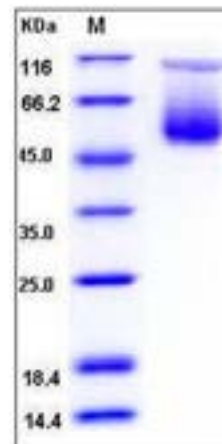
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



References

1.Irving JA. et al., 2000, Genome Res. 10: 1845-64. 2.Irving J. et al., 2002, Mol Biol Evol 19 (11): 1881-90. 3.Forsyth, S. et al., 2003, Genomics 81: 336-345.

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