

Human SerpinB1/ELANH2 (His Tag) recombinant protein



Catalog Number: 500944

General Information

Gene Name Synonym

Monocyte/neutrophil elastase inhibitor; Peptidase inhibitor 2; Serpin B1

Protein Construction

A DNA sequence encoding the human SERPINB1 (P30740) (Met 1-Pro 379) was fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 90 % 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 human SERPINB1 consists of 390 amino acids and migrates as an approximately 44 kDa band as predicted in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% gly

- 5 % trehalose and mannitol are added as protectants before lyophilization.
- Please contact us for any concerns or special requirements.

Usage Guide

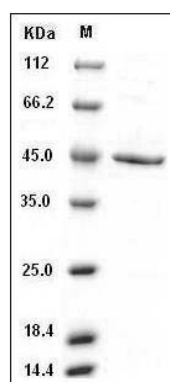
Storage

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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