

# Human SerpinB4 / SCCA2 (His Tag) recombinant protein



Catalog Number: 500208

## General Information

### Gene Name Synonym

Leupin; Peptidase inhibitor 11; Squamous cell carcinoma antigen 2

### Protein Construction

A DNA sequence encoding the human SERPINB4 (P48594) (Met 1-Pro 390) was expressed, with a polyhistidine tag at the N-terminus.

### Organism

Human

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

> 88 % 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

Met

### Molecular Mass

The recombinant human SERPINB4 consists of 409 amino acids and predicts a molecular mass of 47.1 kDa. It migrates as an approximately 45 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 20% gly, 1mM EDTA, 1mM DTT

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

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

## Usage Guide

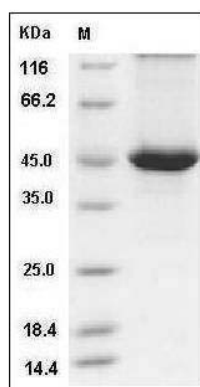
### Storage

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



Human SerpinB4 Protein (His Tag) SDS-PAGE