

# Human SCGB3A1/PnSP-2 (Fc Tag) recombinant protein



Catalog Number: 500262

## General Information

### Gene Name Synonym

Cytokine HIN-1; High in normal 1; Pneumo secretory protein 2; Uteroglobin-related protein 2

### Protein Construction

A DNA sequence encoding the human SCGB3A1 (NP\_443095.2) (Met1-Gly104) was fused with Fc region of mouse IgG at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Phe 21

### Molecular Mass

The recombinant human SCGB3A1/mFc is a disulfide-linked homodimer. The reduced

monomer comprises 318 amino acids and has a predicted molecular mass of 34.6 kDa. The apparent molecular mass of the protein is approximately 37.6 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

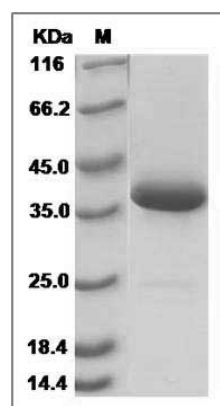
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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 SCGB3A1 / HIN-1 Protein (Fc Tag) SDS-PAGE