

RP00507

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Recombinant Human UGRP1/SCGB3A2 Protein

Catalog No.: RP00507

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	117156	Q96PL1

Tags

No tag

Synonyms

SCGB3A2;LU103;PNSP1;UGRP1;pnSP-1

Background

Uteroglobin-Related Protein 1 (UGRP1) belongs to the secretoglobin family which has been suggested to play a role in lung inflammation and allergic diseases. UGRP1 is a 17 kDa secreted homodimeric protein that shows amino acid sequence similarity with uteroglobin. UGRP1 is expressed predominantly in the lung and low levels of expression are detected in the thyroid. Expression of UGRP1 in lung epithelial cells is enhanced by IL-10 and decreased through the activities of IL-9 and IL-5. UGRP1 interacts with the macrophage scavenger receptor with collagenous structure which is expressed by alveolar macrophages in the lung. It has been suggested that UGRP1 may be involved in inflammation and pathogen clearance in the lung by binding to its receptor.

Basic Information

Description

Recombinant Human UGRP1/SCGB3A2 Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Phe22-Val93) of human UGRP1/SCGB3A2 (Accession #Q96PL1).

Bio-Activity

Storage

Store the lyophilized protein at -20 °C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Product Information

Source

E. coli

Purification

> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

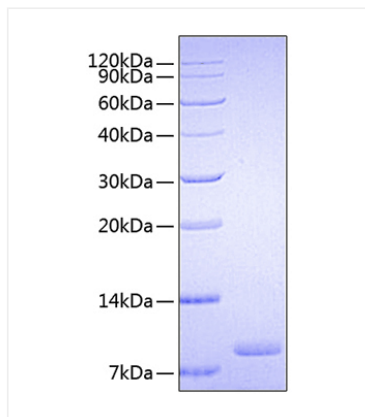
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Contact



www.abclonal.com

Validation Data



Recombinant Human UGRP1/SCGB3A2
Protein was determined by SDS-PAGE under
reducing conditions with Coomassie Blue.