

Datasheet for ABIN1097757  
**SCGB3A2 Protein (AA 22-93)**



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## Overview

Quantity:	50 µg
Target:	SCGB3A2
Protein Characteristics:	AA 22-93
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

## Product Details

Purpose:	Recombinant Human Uteroglobin-Related Protein 1/UGRP1
Sequence:	FLINKVPLPV DKLAPLPLDN ILPFMDPLKL LLKTLGISVE HLVEGLRKCV NELGPEASEA VKKLLEALSH LV
Characteristics:	Recombinant Human Uteroglobin-Related Protein 1/UGRP1 is produced by our E. coli expression system. The target protein is expressed with sequence (Phe22-Val93) of Human UGRP1.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

Target:	SCGB3A2
Alternative Name:	ugrp1 ( <a href="#">SCGB3A2 Products</a> )

## Target Details

Background:	<p>Uteroglobin-Related Protein 1 (UGRP1) belongs to the secretoglobulin 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 have suggested that UGRP1 may be involved in inflammation and pathogen clearance in the lung by binding to its receptor.</p> <p>Alternative Names: Secretoglobulin Family 3A Member 2, Pneumo Secretory Protein 1, PnSP-1, Uteroglobin-Related Protein 1, SCGB3A2, PNSP1, UGRP1</p>
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Molecular Weight:	7.9 kDa
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UniProt:	<a href="#">Q96PL1</a>
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## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH2O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at &lt; -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>
Expiry Date:	3 months