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Datasheet for ABIN7319165 **SCGB3A2 Protein**

Overview

Quantity:	50 µg
Target:	SCGB3A2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human UGRP1 Protein
Sequence:	Phe22-Val93
Characteristics:	Recombinant Human Uteroglobin-Related Protein 1 is produced by our E.coli expression system and the target gene encoding Phe22-Val93 is expressed.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	SCGB3A2
Alternative Name:	UGRP1 (SCGB3A2 Products)
Background:	Background: 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

Target Details

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.

Synonym: Secretoglobin Family 3A Member 2, Pneumo Secretory Protein 1, PnSP-1, Uteroglobin-Related Protein 1, SCGB3A2, PNSP1, UGRP1

Molecular Weight: 7.9 kDa

UniProt: [Q96PL1](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.