

Recombinant Human SCGB3A2

Cat. No. SCGB3A2-7649H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UteroglobinRelated Protein 1/UGRP1 is produced by our E. coli expression system.
Species	Human
Source	E.coli
Description	UteroglobinRelated 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 IL10 and decreased through the activities of IL9 and IL5. 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.
Form	Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Notes	For research use only.
Storage	Lyophilized protein should be stored at less than 20°C. though stable at room

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temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C. for 2-7 days. Aliquots of reconstituted samples are stable at less than 20°C. for 3 months.

GENE INFORMATION

Gene Name	SCGB3A2 secretoglobin, family 3A, member 2 [Homo sapiens]
Official Symbol	SCGB3A2
Synonyms	SCGB3A2; secretoglobin, family 3A, member 2; secretoglobin family 3A member 2; LU103; pneumo secretory protein 1; PNSP1; UGRP1; uteroglobin related protein 1; uteroglobin-related protein 1; pnSP-1;
Gene ID	117156
mRNA Refseq	NM_054023
Protein Refseq	NP_473364
MIM	606531
UniProt ID	Q96PL1
Chromosome Location	5q32
Function	binding;

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