

Recombinant Human SCGB1A1

Cat. No. SCGB1A1-29817TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Uteroglobulin with a proprietary tag: predicted molecular weight 35.42 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	70 amino acids
Description	This gene encodes a member of the secretoglobulin family of small secreted proteins. The encoded protein has been implicated in numerous functions including anti-inflammation, inhibition of phospholipase A2 and the sequestering of hydrophobic ligands. Defects in this gene are associated with a susceptibility to asthma.
Molecular Weight	35.420kDa inclusive of tags
Tissue specificity	Clara cells (nonciliated cells of the surface epithelium of the pulmonary airways).
Biological activity	useful for Antibody Production and Protein Array
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.31% GlutathioneNote: Glutathione is reduced

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	EICPSFQRVIETLLMDTPSSYEAAAMELFSPDQDMREAGQLKKLVDTLPQKPRESIIK LMEKIAQSSLCN
Sequence Similarities	Belongs to the secretoglobin family.
GENE INFORMATION	
Gene Name	SCGB1A1 secretoglobin, family 1A, member 1 (uteroglobin) [Homo sapiens]
Official Symbol	SCGB1A1
Synonyms	SCGB1A1; secretoglobin, family 1A, member 1 (uteroglobin); UGB, uteroglobin; uteroglobin; CC10; CC16; CCSP; Uteroglobin (Clara cell specific 10 kD protein);
Gene ID	7356
mRNA Refseq	NM_003357
Protein Refseq	NP_003348
MIM	192020
Uniprot ID	P11684
Chromosome Location	11q12.3
Pathway	FOXA1 transcription factor network, organism-specific biosystem; Prostaglandin

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Synthesis and Regulation, organism-specific biosystem;

Function

binding; phospholipase A2 inhibitor activity;

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