

## Active Recombinant Human SCGB1A1 protein, His-tagged

Cat. No. SCGB1A1-3855H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human SCGB1A1 protein(P11684) (Met 1-Asn 91) was expressed in HEK293, with a C-terminal polyhistidine tag.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-91 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.
<b>Bio-activity</b>	Measured by the ability of the immobilized protein to support the adhesion of the A549 human lung carcinoma cell line. When 5 x 10E4cells/well are added to human SCGB1A1 coated plates (2 µg/ml and 100 µl/well), approximately >30% will adhere after one hour at 37 °C.
<b>Molecular Mass</b>	The recombinant human SCGB1A1 consists of 81 amino acids and migrates as a 9.2 kDa band as predicted in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 97 % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## 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); blastokinin; urine protein 1; urinary protein 1; clara cells 10 kDa secretory protein; clara cell phospholipid-binding protein; UGB; UP1; UP-1; CCPBP;

**Gene ID** 7356

**mRNA Refseq** NM\_003357

**Protein Refseq** NP\_003348

**MIM** 192020

**UniProt ID** P11684

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