

Active Recombinant Human SCGB1A1 protein, His-tagged

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

SPECIFICATION

Product Overview	Active Recombinant Human SCGB1A1 protein(P11684) (Met 1-Asn 91) was expressed in HEK293, with a C-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	1-91 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	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

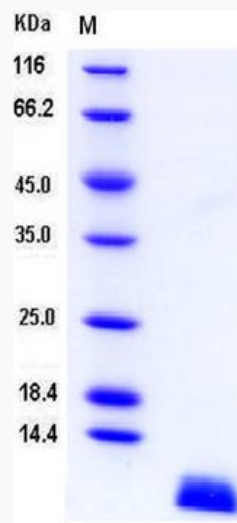
UniProt ID P11684

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SDS-PAGE



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