

## Recombinant Mouse Scgb1a1 protein, His-tagged

**Cat. No.** Scgb1a1-5183M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Scgb1a1 protein(Q06318)(Met1-Phe96), fused with His tag, was expressed in HEK293.                                                                                                                                                                               |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | Met1-Phe96                                                                                                                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA. |
| <b>Molecular Mass</b>   | The recombinant mouse SCGB1A1 consists of 86 amino acids and has a predicted molecular mass of 9.8 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm SCGB1A1 is approximately 12 kDa.                                                                 |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                                                                                                    |
| <b>Purity</b>           | > 88 % as determined by SDS-PAGE                                                                                                                                                                                                                                                  |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C<br>Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                 |

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**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 \(uteroglobin\) \[ Mus musculus \]](#)

**Official Symbol** [Scgb1a1](#)

**Synonyms** SCGB1A1; secretoglobin, family 1A, member 1 (uteroglobin); uteroglobin; CCPBP; Blastokinin; PCB-binding protein; clara cell 17 kDa protein; clara cell secretory protein; secretoglobin family 1A member 1; clara cells 10 kDa secretory protein; clara cell phospholipid-binding protein; UG; UGB; Utg; CC10; CC16; CCSP; PCB-BP;

**Gene ID** [22287](#)

**mRNA Refseq** [NM\\_011681](#)

**Protein Refseq** [NP\\_035811](#)

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