

Recombinant Human SCGB1A1 protein, His-tagged

Cat. No. SCGB1A1-7837H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SCGB1A1 aa. (Ile23~Asn91 (Accession# P11684)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ile23~Asn91
Description	This gene encodes a member of the secretoglobin 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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 9.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 6.
Applications	SDS-PAGE; WB; ELISA; IP

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

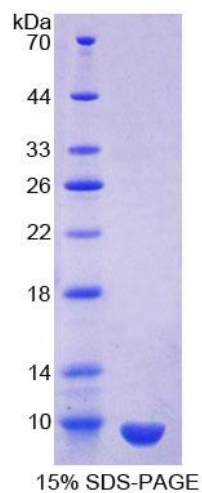
Gene Name	SCGB1A1 secretoglobin family 1A member 1 [Homo sapiens (human)]
Official Symbol	SCGB1A1
Synonyms	SCGB1A1; secretoglobin family 1A member 1; UGB; UP1; CC10; CC16; CCSP; UP-1; CCPBP; uteroglobin; blastokinin; clara cell phospholipid-binding protein; clara cells 10 kDa secretory protein; secretoglobin, family 1A, member 1 (uteroglobin); urinary protein 1; urine protein 1
Gene ID	7356
mRNA Refseq	NM_003357.4
Protein Refseq	NP_003348.1
UniProt ID	P11684

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SDS-PAGE



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