SCGB1A1 Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	SCGB1A1, Lysate
Full Product Name	Human SCGB1A1 Protein Lysate
Product Gene Name	SCGB1A1 lysate
Product Synonym Names	SCGB1A1; CC10; CC16; CCPBP; CCSP; UGB; UP-1; UP1
Host	Human
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	10kDa
OMIM	192020
3D Structure	ModBase 3D Structure for P11684
Related Product Information for SCGB1A1 lysate	Human SCGB1A1 Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer.
Other Notes	Small volumes of SCGB1A1 lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SCGB1A1 purchase	MBS8419093 is a lysate targeting SCGB1A1. Also known as Human SCGB1A1 Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SCGB1A1. It may not necessarily be applicable to this product.

NCBI GI #	4507809
NCBI GeneID	7356
NCBI Accession #	NP_003348
UniProt Primary Accession #	P11684
UniProt Related Accession #	P11684
GenBank Nucleotide #	NM_003357
NCBI Official Full Name	uteroglobin
NCBI Official Synonym Full Names	secretoglobin family 1A member 1
NCBI Official Symbol	SCGB1A1
NCBI Official Synonym Symbols	UGB; UP1; CC10; CC16; CCSP; UP-1; CCPBP
UniProt Protein Name	Uteroglobin
UniProt Synonym Protein Names	Clara cell phospholipid-binding protein; CCPBP; Clara cells 10 kDa secretory protein; CC10; Secretoglobin family 1A member 1; Urinary protein 1; UP-1; UP1; Urine protein 1

Protein Family	Uteroglobin
UniProt Gene Name	SCGB1A1
UniProt Synonym Gene Names	CC10; CCSP; UGB; CCPBP; CC10; UP-1; UP1; Urine protein 1
UniProt Entry Name	UTER_HUMAN
NCBI Protein Information	uteroglobin
NCBI Summary for SCGB1A1	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. [provided by RefSeq, May 2010]
UniProt Comments for SCGB1A1	SCGB1A1: Binds phosphatidylcholine, phosphatidylinositol, polychlorinated biphenyls (PCB) and weakly progesterone, potent inhibitor of phospholipase A2. Belongs to the secretoglobin family. Protein type: Secreted; Cell cycle regulation; Secreted, signal peptide; Inhibitor Chromosomal Location of Human Ortholog: 11q12.3 Cellular Component: extracellular space; rough endoplasmic reticulum; nuclear envelope; secretory granule Molecular Function: protein binding; phospholipase A2 inhibitor activity Biological Process: response to drug; negative regulation of interleukin-4 production; response to glucocorticoid stimulus; response to lipopolysaccharide; female pregnancy; negative regulation of transcription from RNA polymerase II promoter; signal transduction; regulation of mRNA stability; response to xenobiotic stimulus; response to silicon dioxide; negative regulation of interleukin-13 production; negative regulation of T cell proliferation; response to ozone; negative regulation of interferon-gamma production; response to cytokine stimulus; negative regulation of catalytic activity; regulation of inflammatory response; negative regulation of interleukin-5 production; embryo implantation Disease: Asthma, Susceptibility To
Research Articles on SCGB1A1	**1.** The uteroglobin gene may play an important role in the development of childhood idiopathic nephrotic syndrome, and the AA genotype of UG gene G38A polymorphism was found more frequently in those children
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/lysate/scgb1a1/8419093