

Uteroglobin Recombinant Protein | SCGB1A1 recombinant protein

Human Uteroglobin

CATALOG # AAA79216	HOST E Coli	REACTIVITY Human
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PRODUCT SYNONYMS

Uteroglobin; Human Uteroglobin; Urinary protein 1; CC10; Urine protein 1; Clara cell phospholipid-binding protein; CCPBP; SCGB1A1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Form/Format	Sterile filtered protein solution was lyophilized from PBS, free from stabilizers and preservatives.
Sequence	MEICPSFQRV IETLLMDTPS SYEAAMELFS PDQDMREAGA QLKKLVDTLP QKPRESIIKL MEKIAQSSLC N
Sequence Length	71
Length (aa)	142
Reconstitution	Centrifuge the vial prior to opening. Do not vortex! The lyophilized Uteroglobin should be reconstituted in sterile water to a concentration of 0.1-1.0 mg/mL. Store at 2 degree C to 8 degree C for up to 1 week or prepare for extended storage.
Extended Storage	After initial reconstitution, it is recommended to further dilute in a buffer containing a carrier protein or stabilizer (0.1 % BSA). Prepare and store working aliquots at -20 degree C to -80 degree C.
Preparation and Storage	Lyophilized: Store at -20 degree C to -80 degree C for min. 1 year Store at 2-8 degree C for 6 months Store at room temperature for 1 month Reconstituted: Store at 2-8 degree C for 1 week Extended Storage: Store at -20 degree C to -80 degree C for 3 months

ADDITIONAL INFORMATION

Related Product Information for SCGB1A1 recombinant protein	Uteroglobin, a member of the Secretoglobin superfamily, also known as Clara cell phospholipid-binding protein, is a multifunctional protein that can exert anti-inflammatory and anti-tumorigenic effects by binding small hydrophobic molecules such as phospholipids and prostaglandins. The small, non-glycosylated protein named for its high levels of expression in pre-implantation embryos, where it exhibits growth stimulatory effects, is produced and secreted by the non-ciliated, non-mucous Clara cells predominant in the epithelial surfaces of pulmonary airways, as well as other non-ciliated epithelia. Members of the Secretoglobin superfamily demonstrate a high level of structural conservation and are characterized as small, secretory homo- or heterodimers. In addition to sequestering pro-inflammatory mediators and carcinogens, Uteroglobin has been implicated in the inhibition of cell migration and invasion, platelet aggregation, and T cell differentiation. Recombinant Human Uteroglobin is an 8.0 kDa homodimeric protein consisting of 142 amino acid residues.
Product Categories/Family for SCGB1A1 recombinant protein	Cytokines & Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507809
NCBI GeneID	7356
NCBI Accession #	NP_003348.1
NCBI GenBank Nucleotide #	NM_003357.4
UniProt Accession #	P11684; Q6FHH3; Q9UCM2; Q9UCM4; B2R5F2
Molecular Weight	16.1 kDa (Dimer)
NCBI Official Full Name	uteroglobin
NCBI Official Synonym Full Names	secretoglobin, family 1A, member 1 (uteroglobin)
NCBI Official Symbol	SCGB1A1
NCBI Official Synonym Symbols	UGB; UP1; CC10; CC16; CCSP; UP-1; CCPBP
NCBI Protein Information	uteroglobin; blastokinin; urine protein 1; urinary protein 1; clara cells 10 kDa secretory protein; clara cell phospholipid-binding protein
UniProt Protein Name	Uteroglobin
UniProt Gene Name	SCGB1A1
UniProt Synonym Gene Names	CC10; CCSP; UGB; CCPBP; CC10; UP-1; UP1
UniProt Entry Name	UTER_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/scgb1a1-recombinant-protein-e-coli/79216>