

Product datasheet for SC126071

Uteroglobin (SCGB1A1) (BC004481) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Uteroglobin (SCGB1A1) (BC004481) Human Untagged Clone
Tag:	Tag Free
Symbol:	Uteroglobin
Synonyms:	CC10; CC16; CCSP; secretoglobin, family 1A, member 1 (uteroglobin); UGB; Uteroglobin (Clara-cell specific 10-kD protein)
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC004481 edited CAGAGACGGAACCAGAGACAGGCCAGAGCATCCCCCTCCTCCACCATGAAACTCGCTGTC ACCCTCACCTGGTCACACTGGCTCTCTGCTGCAGCTCCGTTCTGCAGAGATCTGCCCG AGCTTTCAGCGTGCATCGAAACCCTCCTCATGGACACACCCTCCAGTTATGAGGCTGCC ATGGAACTTTTAGCCCTGATCAAGACATGAGGGAGGCAGGGGCTCAGCTGAAGAAGCTG GTGGACACCCTCCCCAAAAGCCAGAGAAAGCATCATTAAAGCTCATGGAAAAATAGCC CAAAGCTCACTGTGTAATTAGCATTTAGAAGCTGAAGATCCCCAACTGCTCCAGCCTCTG CCGCTGCCATGCTTTGAGTCCACGCCACCAGCCTTGCTCTTTCAATAAACCAAGCA TCTCAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC004481 unedited TCAGATTTTGTATACGACTCACTATAGGCGGCCGCGCAATTCGCACGAGGCAGAGACGGA ACCAGAGACAGGCCAGAGGGGGCCCTGCCTCCACCATGAAACTCGCTGTCAACCTCACCC TGGTCACACTGGCTCTCTGCTGCAGCTCCGCTTCTGCAGAGATCTGCCCGAGCTTTCAGC GTGTCAATCGAAACCTCCTCATGGACACACCCTCCAGTTATGAGGCTGCCATGGAACCTT TCAGCGCCTGATCAAGACATGAGGGAGGCAGGGGCTCANCTGAAGAAGCTGGTGGACACC CTCCCCAAAAGCCAGAGAAAAGCATCATTAAGCTCATGGAAAAAATAGCCCAAAGCTCA CTGTGTAATTAGCATTTAGAAAGCTGAAGATCCCCAACTGCTCCAGCCTCTGCCGCTGCCA TGCTTTGAGTCCACGCCACCAGCCTTGCTCTCTTCAATAAACCCACAAGCATCTCAGANA AAAAAAAGNNGGAAAAAANAAAAAAGAAAAAAGAAAAAAGAAAAAAGAAAAAAGAAAAA GCGGCGGGCATAACTGTTTCTGAACAGATCCCGGGGGGATCCCTGTGACCCCTCCCC AGGGGCTCTCCCGGGCTGGGAGGTGCCACTCCAGGGCCACCAGGCCTTGCCCTAATAA AATTAAGTTGCATCATTTTTTCCGGACCTAGGGGGCTTTTAAACATTATGGGGGGGAG GGGGGGGTTGGAACAAGGGCAAGTATTGAAGACCCCTGGGGGGCCCCCGGGTTAAT GGGAAACCAGGTGAGGGGCATAAGCCATTCTGGGGGAACCTCGGGTCCCCCACACTGGTA AAGAAATTTTGGCGCCCCGGCCAGGTGGGGGGCTCCCCGGGAATAGCCGCCCCCA GTCTCCATTTTTCGGCCCCCGGGGGGGTCTATGGCAGCCTTTTTCAAGCGGGGGG
Restriction Sites:	Please inquire
ACCN:	BC004481
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>BC004481.2</u> , <u>AAH04481.1</u>
RefSeq Size:	472 bp
Locus ID:	7356
Cytogenetics:	11q12.3
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	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]