

## Product datasheet for **RG202497**

### Uteroglobin (SCGB1A1) (NM\_003357) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Uteroglobin (SCGB1A1) (NM\_003357) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Uteroglobin  
**Synonyms:** CC10; CC16; CCPBP; CCSP; UGB; UP-1; UP1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG202497 representing NM\_003357  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAAACTCGCTGTACCCTCACCTGGTCACACTGGCTCTCTGCTGCAGCTCCGTTCTGCAGAGATCT  
 GCCCGAGCTTTCAGCGTGTATCGAAACCCTCCTCATGGACACACCCTCCAGTTATGAGGCTGCCATGGA  
 ACTTTTCAGCCCTGATCAAGACATGAGGGAGGCAGGGGCTCAGCTGAAGAAGCTGGTGACACCCTCCC  
 CAAAAGCCCAGAGAAAGCATCATTAAAGCTCATGGAAAAATAGCCCAAAGCTCACTGTGTAAT

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >RG202497 representing NM\_003357  
 Red=Cloning site Green=Tags(s)

MKLAVTLTLVTLALCCSSASAEICPSFQRVIETLLMDTPSSYEAMELFSPDQDMREAGALKKLVDTLP  
 QKPRESIIKLMKIAQSSLCN

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** SgfI-MluI



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**Cloning Scheme:**


**ACCN:** NM\_003357

**ORF Size:** 273 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:**

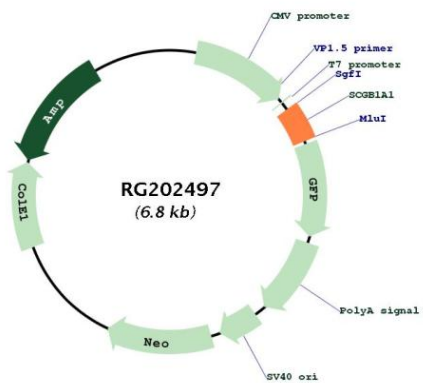
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store 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:** [NM\\_003357.5](#)

**RefSeq Size:** 472 bp

RefSeq ORF:	276 bp
Locus ID:	7356
UniProt ID:	<a href="#">P11684</a>
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]

**Product images:**



Circular map for RG202497