

Product datasheet for **SC303194**

SCGB2A1 (NM_002407) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCGB2A1 (NM_002407) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCGB2A1
Synonyms:	LPHC; LPNC; MGB2; UGB3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_002407 edited ACAGCAACTTCCTTGATCCCTGCCACGACGACTGAACACAGACAGCAGCCGCTCGCCA TGAAGCTGCTGATGGTCCTCATGCTGGCGGCCCTCCTCCTGCACTGCTATGCAGATTCTG GCTGCAAACTCCTGGAGGACATGGTTGAAAAGACCATCAATTCCGACATATCTATACCTG AATACAAAGAGCTTCTTCAAGAGTTCATAGACAGTGATGCCGCTGCAGAGGCTATGGGGA AATTCAAGCAGTGTTCCTCAACCAGTCACATAGAAGTCTGAAAACTTTGGACTGATGA TGCATACAGTGTACGACAGCATTTGGTGTAAATGAAGAGTAATTAACCTTACCCAAGGC GTTTGGCTCAGAGGGCTACAGACTATGGCCAGAACTCATCTGTTGATTGCTAGAAACCAC TTTTCTTTCTTGTGTCTTTTATGTGGAACTGCTAGACAACTGTTGAAACCTCAAA TTCATTTCCATTTCAATAAACTAACTGCAAATCTAAAAAAAAAAAAAAAAAAAAAAAAAA AAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_002407 unedited GAGAAAGCTGTATACGACATCCTATAGGGCGGCCGGAACCTCTCGGCCATTACGGCCGGG GACAGCAACTTCCTTGATCCCTGCCACGCACGACTGAACACAGACAGCAGCCGCCTCGCC ATGAAGCTGCTGATGGTCTCATGCTGGCGGCCCTCCTCCTGCTGCTATGCAGATTCT GGCTGCAAACTCCTGGAGGACATGGTTGAAAAGACCATCAATCCGACATATCTATACCT GAATACAAAGAGCTTCTTCAAGAGTTCATAGACAGTGATGCCGCTGCAGAGGCTATGGGG AAATTCAGCAGTGTTTCTCAACCAGTCACATAGAACTCTGAAAACTTTGGACTGATG ATGCATACAGGTACGACAGCATTGGTGTAAATGAAGAGTAATTAACCTTACCAAGG CGTTTGGCTCAGAGGGCTACAGACTATGGCCAGAACTCATCTGTTGATTGCTAGAAACCA CTTTTCTTTCTTGTTGTCTTTTATGTGAAACTGCTAGACAACTGTTGAAACCTCAA ATTCATTTCCATTTCAATAAACTAACTGCAATCTAAAAAAAAAAAAAAAAAAAAAAAAA AAAACCATGTCGGCCGCCTCGGCCCTCGACTCTAGATTGCGGCCGCGTCATAGCTGTTT CCTGAACAGATCCCGGGTGGCATCCCTGTGACCCCTCCCACTGCCTCTCCTGGCCCTGG AAGTTGCCACTCCAGTGCCCAACAGCCTTGTCTAATAAAATTAAGTTGCATCATTTTGT CTGACTAGTGTCTATATATATGTGAAGCGATTTTATATAGAACACAAGGGCAATTTGG AAAAACACACTTTAGGCCTGCGGGTTCTATTGGCACCAGCTGGATGCATGGCACATCTG GCTCACTGCATCTCGCCTCTGGTCAGCGATTT
Restriction Sites:	Please inquire
ACCN:	NM_002407
Insert Size:	500 bp
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).
OTI Annotation:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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:	<u>NM_002407.1, NP_002398.1</u>
RefSeq Size:	517 bp
RefSeq ORF:	288 bp
Locus ID:	4246
UniProt ID:	<u>O75556</u>
Cytogenetics:	11q12.3

Gene Summary:

May bind androgens and other steroids, may also bind estramustine, a chemotherapeutic agent used for prostate cancer. May be under transcriptional regulation of steroid hormones. [UniProtKB/Swiss-Prot Function]