

Product datasheet for **SC123101**

SCGB3A2 (NM_054023) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCGB3A2 (NM_054023) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCGB3A2
Synonyms:	LU103; pnSP-1; PNSP1; UGRP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_054023 edited GGGGACACTTTGTATGGCAAGTGAACCACTGGCTTGGTGGATTTTGCTAGATTTTTCTG ATTTTTAAACTCCTGAAAAATATCCCAGATAACTGTCATGAAGCTGGTAACTATCTTCCT GCTGGTGACCATCAGCCTTTGTAGTTACTCTGCTACTGCCTTCCTCATCAACAAAGTGCC CCTTCCTGTTGACAAGTTGGCACCTTTACCTCTGGACAACATTCTCCCTTTATGGATCC ATTAAAGCTTCTCTGAAAACCTCTGGGCATTTCTGTTGAGCACCTTGTGGAGGGGCTAAG GAAGTGTGTAATGAGCTGGGACCAGAGGCTTCTGAAGCTGTGAAGAACTGCTGGAGGC GCTATCACACTTGGTGTGACATCAAGATAAAGAGCGGAGGTGGATGGGGATGGAAGATGA TGCTCCTATCCTCCCTGCCTGAAACCTGTTCTACCAATTATAGATCAAATGCCCTAAAAT GTAGTGACCCGTGAAAAGGACAAATAAAGCAATGAATACTAAAAAAAAAAAAAAAAAAAA AAAAAAAAA
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_054023 unedited TACGACTCACTATAGGGCGCCGCAATTCGGCCATTACGGCCGGGACACTTTGTATGG CAAGTGAACCACTGGCTTGGTGGATTTTGCTAGATTTTTCTGATTTTGAACTCCTGAA AAATATCCCAGATAACTGTCATGAAGCTGGTAACTATCTTCTGCTGGTGACCATCAGCC TTTGTAGTTACTCTGCTACTGCCTTCCTCATCAACAAAGTGCCCTTCCTGTTGACAAGT TGGCACCTTTACCTCTGGACAACATTCTCCCTTTATGGATCCATTAAAGCTTCTTCTGA AAACTCTGGGCATTTCTGTTGAGCACCTTGTGGAGGGGCTAAGGAAGTGTGTAATGAGC TGGGACCAGAGGCTTCTGAAGCTGTGAAGAACTGCTGGAGGCGCTATCACACTTGGTGT GACATCAAGATAAAGAGCGGAGGTGGATGGGGATGGAAGATGATGCTCCTATCCTCCCTG CCTGAAACCTGTTCTACCAATTATAGATCAAATGCCCTAAAATGTAGTGACCCGTGAAAA GGACAAATAAAGCAATGAATACTANNNAAAAAAAAAAAAAAAAAANNNNAACATGTCG GCCGCCTCGGCCCTCGAGTTTTTTTTTTTTTTTTTTTTTAAATTTTTTAAACACCTGC TTTTCGATTGGCTGAAATCTGTGTTTCAAGAGATAGCACAGTCTACTTTGCCGAATATAGA TTATAAGAGTTTAGCTCTTGCCTTTACTAGAATCAATCACTTTTCTTCTTAAACAAG TATTAN



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Restriction Sites:	Please inquire
ACCN:	NM_054023
Insert Size:	550 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).
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:	NM_054023.2 , NP_473364.1
RefSeq Size:	550 bp
RefSeq ORF:	282 bp
Locus ID:	117156
UniProt ID:	Q96PL1
Cytogenetics:	5q32
Protein Families:	Secreted Protein
Gene Summary:	The protein encoded by this gene is a secreted lung surfactant protein and a downstream target of thyroid transcription factor. A single nucleotide polymorphism in the promoter of this gene results in susceptibility to asthma.[provided by RefSeq, Mar 2010]