

Product datasheet for **MC210769**

Scgb3a1 (NM_170727) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Scgb3a1 (NM_170727) Mouse Untagged Clone
Tag: Tag Free
Symbol: Scgb3a1
Synonyms: HIN; HIN-1; LuLe; LuLeu2; Pnsp2; UGR; UGRP2; Utgrp2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210769 representing NM_170727
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCCCCACAATCAGCAAGGCACAGTGTGCTTTCTTCATGGACTCATTGGCCAAGCCTGCGGTAGAAC
CCGTGGCCGCCCTTGCTCCAGCTGCAGAGGCTGTGGCAGGGGCTGTGCCTAGCCTACCATTAAGCCACTT
GGCCATCCTGAGTTTCATCCTGGCCAGCATGGGCATCCCATTGGATCCTCTCATAGAGGGATCCAGGAAG
TGTGTACCGAGCTGGGCCCTGAGGCTGTAGGAGCTGTGAAGTACTGCTGGGGTCTGACAATGTTCC
GTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_170727
Insert Size: 285 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).



[View online »](#)

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_170727.2](#), [NP_733923.1](#)

RefSeq Size: 645 bp

RefSeq ORF: 285 bp

Locus ID: 68662

Cytogenetics: 11 29.75 cM

Gene Summary: This gene encodes a small secreted protein that may function in the inhibition of cell growth. Expression of the related gene in humans is downregulated via DNA methylation in breast cancers and other tumor types. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2013]
Transcript Variant: This variant (2, also known as type B) differs in the 5' UTR and contains an alternate exon in the 5' coding region, compared to variant 1. It initiates translation at an alternate start codon. The encoded isoform (b) is shorter and has a distinct N-terminus, compared to isoform a.