

Product datasheet for **RN207064**

Scg3 (NM_053856) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scg3 (NM_053856) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Scg3
Synonyms:	SgIII
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207064 representing NM_053856
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGTTCTTTGGACAGGCTCTTGATACTGGTGTGGTGTCTCAACAGCGGCCCAATTCAAGCTTTCC
 CCAAACCGAAGGCAGCCAAGACAAATCCCTGCATAATAGAGAATTGAGTGCAGAGAGACCTTGAATGA
 GCAGATCGCTGAGGCAGAGGCAGACAAGATTA AAAAGACATACCCCTCAGAAAGCAAGCCAAGTGAAGC
 AATTTTTCTTCGGTGCATAAATTGAATCTGCTAAAGGCGATAACGGAAAAGGAAACAGTTGAGAAAGCCA
 AGCAATCCATAAGAAGCTCCCGTTTGATAACAGACTGAATGTGGACGATGCCGATTCAACTAAAAATCG
 GAAGCTGACCGACGAGTACGACTCCACTAAGAGTGGACTGGACCGCAAGGTTCAAGATGACCCAGATGGC
 CTCATCAACTGGATGGAACCTTTAACTGCTGAAGACATTGTCCATAAAATTGCCACCAGGATTTATG
 AGGAGAACGACAGAGGAGTGTGGACAAGATTGTCTCTAAACTGCTGAATCTCGGCCTAATCACTGAAAG
 CCAGGCACATACTCTAGAAGATGAAGTAGCAGAGGCTTTACAAAAATTGATTTCAAAGAGGCCAACAAAT
 TATGAGGAGGCCCGGAAAAACCCACAAGCAGGACCGAGAATCAGGATGGGAAAAATACCGGAGAAAAGTGA
 CTCCAGTGGCAGCAACCCAAGATGGCTTTACTAACCGTAAAAATGATGACACAGTATCGAACACCTTGAC
 CTTGTCCAACGGCTTGAAAGGAGAACGAACCCACAGGGACGATGACTTTGAGGAGCTCCAGTATTTCC
 CCAACTTCTATGCACTACTGACAAGCATCGACTCAGAAAAAGAAGCAAAAGAGAAAGAAACCTGATCA
 CCATCATGAAGACGTTGATTGACTTTGTGAAAAATGATGGTGAATACGGTACAATATCTCCAGAGGAAGG
 CGTTTCTTACCTTGAAAACCTGGATGAAACCATTGCTCTGCAGACCAAGAACAAGCTAGAAAAAATACC
 ACTGACAGCAAAAGCAAGCTTTTCCAGCTCCGCCAGAGAAGAGTACGAAAGAAACAGACAGTACCAAGG
 AGGAAGCCGCAAGATGGAGAAGGAATACGGAAGCCTCAAAGACTCCACAAAAGACGATAACTCCAACCT
 CGGAGGAAAGACAGATGAAGCCAAAGGAAAACAGAAGCCTACTTGGAAAGCCATTAGAAAAAACATCGAG
 TGGCTGAAGAAGCACAACAAGAAGGCAACAAAGAAGATTACGACCTTTCAAAGATGAGGGACTTCATCA
 ACCAACAGGCTGATGCTTATGTGGAGAAAGGCATCCTGGATAAGGAAGAAGCCACGCCATCAAACGCAT
 CTACAGCAGCCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_053856

Insert Size: 1416 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:

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_053856.2](#), [NP_446308.1](#)
RefSeq Size: 2144 bp
RefSeq ORF: 1416 bp
Locus ID: 116635
UniProt ID: [P47868](#)
Cytogenetics: 8q24
Gene Summary: component of intracellular dense core vesicles [RGD, Feb 2006]