

Product datasheet for RN211381

Scd2 (NM_031841) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scd2 (NM_031841) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Scd2
Synonyms:	Scd
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN211381 representing NM_031841 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGGCTCACATACTGCAAGAGATCTCTGGCTCTTACTCGGCCACCACCACAATCACAGCGCCACCTT
CTGGGGGACAGCAGAATGGAGGAGAGAAGTTTAAAAGAATCCTCACCCTGGGGAGCAGATGTTCCGCC
TGAATTAAGATGACCTATACGACCCAGCTACCAGGATGAGGAGGGGCCCCGCCAAGCTGGAGTAC
GTCTGGAGGAACATCATCCTCATGGCCCTGCTGCACATTGGAGCCCTGTACGGGATCACACTGGTCCCT
CCTGCAAGGTCTACACCTGCCTTTTGATATTTGTACTACGTAATCAGCGCCCTGGGCATCACAGCCGG
GGCTCATCGCCTGTGGAGCCACAGGACTTACAAGGCTCGGCTGCCCTGAGGCTCTTTCTCATCATCGCC
AACACCATGGCATTCCAGAACGATGTGTACGAATGGGCCCGGGATCACCGCGCCACCACAAGTTCTCAG
AGACACACGCCGACCCTCACAACCTCCCGCGTGGCTTTTTCTTCTCTCACGTGGGTTGGCTGCTGTGCG
CAAACACCCGGCTGTCAAAGAGAAGGGCGGAAAGCTGGACATGTCTGACCTGAAAGCTGAGAAGCTGGTG
ATGTTCCAGAGGAGGTATTACAAGCCGGCCTCCTGCTCATGTGCTTTCCTGCCCACGCTGGTGCCT
GGTACTGCTGGGGTGAGACGTTTGTAAACAGCCTGTGCGTCAGCACTTTCTTACGGTACGCTGTGGTGCT
CAACGCCACCTGGCTGGTGAACAGCGCCGCCACCTCTATGGATATCGCCCTACGACAAGAATCAGC
TCTCGGGAGAACATCCTGGTGTGATGGAGCTGTGGCGAGGGCTTCCACAACCTACCACGCTTCC
CCTATGACTACTCTGCCAGTGAGTACCGCTGGCAGTCAACTTACCACGTTCTTCATCGACTGCATGGC
CCTCCTGGGCTGGCTTATGACCGGAAGAGGGTGTCCAAGCCGCTGTCTTAGCCAGGATTAAGAGAAT
GGGGAGGAGAGCTGCAAGAGTGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



[View online »](#)

ACCN:	NM_031841
Insert Size:	1077 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:	<u>NM_031841.1</u> , <u>NP_114029.1</u>
RefSeq Size:	5055 bp
RefSeq ORF:	1077 bp
Locus ID:	83792
UniProt ID:	<u>Q6P7B9</u>
Cytogenetics:	1q54
Gene Summary:	enzyme involved in the regulation of oleic acid synthesis in the peripheral nervous system [RGD, Feb 2006]