

Product datasheet for RN215315

Scd (NM_139192) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scd (NM_139192) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Scd
Synonyms:	Scd1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN215315 representing NM_139192 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGGCCACATGCTCCAAGAGATCTCCAGTTCCTACACGACCACCACTACCATCACAGAGCCTCCTT
CCGAAACCTGCAGAATGGACGAGAGAAGATGAAGAAGGTGCCCTCTATCTGGAAGAAGACATCCGTCC
TGAAATGAGAGAAGATATCCACGACCCAGCTACCAGGATGAGGAGGGGGCCCGCCCAAGCTGGAGTAC
GTCTGGAGGAACATCATCTCATGGCCCTGCTGCACGTGGGAGCCCTGTACGGGATCACACTGATCCCT
CCTCCAAGGTCTACACCTTGCTCTGGGGATATTTTACTACCTTATCAGTGCCCTGGGCATCACAGCCGG
GGCTCATCGCCTGTGGAGCCACAGGACTTACAAGGCTCGGCTGCCCTGAGGATCTTCTCATCATTGCC
AACACCATGGCGTTCCAGAACGATGTGTATGAATGGGCCCGGGATCACCGCGCCACCACAAGTTCTCTG
AGACACACGCCGACCCTCACAACCTCCCGCGTGGCTTTTTCTTCTCTCACGTGGGTTGGCTGCTGTGCG
CAAACACCCGGCTGTCAAAGAGAAGGGCGAAAGCTGGACATGTCTGACCTGAAAGCTGAGAAGCTGGTG
ATGTTCCAGAGGAGTACTACAAGCCTGGCCTCCTGCTCATGTGCTTATCCTGCCACACTGGTGCCCT
GGTACTGCTGGGGCGAACTTTCCTGCACAGCCTGTTTCGTCAGCACCTTCTTGAGATACACTCTGGTGCT
CAACGCCACCTGGCTGGTGAACAGCGCTGCCACCTCTATGGGTATCGCCCTACGACAAGAATTCAA
TCTCGGGAGAACATCCTGGTTTCCCTGGTGCCGTGGGCGAGGGCTTCCACAACCTACCATCACGCCTTCC
CCTACGACTACTCTGCCAGTGAGTACCGCTGGCAGTCAACTTACCACGTTCTTTCATCGACTGCATGGC
TGCCCTGGGCTGGCTTACGACCGGAAAAAAGTTTCTAAGGCCGCTGTCTTAGCCAGGATTAAGAGA
GGAGATGGGAGCCACAAGAGTAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1548_a01.zip



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_139192
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:	NM_139192.2 , NP_631931.2
RefSeq Size:	4475 bp
RefSeq ORF:	1077 bp
Locus ID:	246074
UniProt ID:	P07308
Cytogenetics:	1q54
Gene Summary:	enzyme involved in the synthesis and regulation of unsaturated fatty acids [RGD, Feb 2006]