

Product datasheet for **RN204574**

Ssc5d (NM_001134545) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ssc5d (NM_001134545) Rat Untagged Clone
Tag: Tag Free
Symbol: Ssc5d
Synonyms: RGD1565772
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204574 representing NM_001134545
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGGTCTTGGCGTGTCTTCTTGAATGCTGGTGGGATCCAGGCTATAGAGCGACTCCGCTGGCTG
 ATGGCCCTCATGGCTGTGCAGGACGCCTGGAGGCTGGTACAGCGGGCGCTGGGGACCGTGTGTATGA
 CGGATGGGACCTTCGGGATGCTGCAGTGGCCTGCCGTGTGTTGGGCTGCGGAGGGGGCTAGCCGCCCC
 GGGGGTGCCTTCTTTGGGAGGGCACTGGGCCCGTGTGGCTCAGTGAGCTGGCCTGTCCGGGCAGTGAGG
 GACAGCTGGGTATCTGTCCCAACCGGGCTGGAAGGCTCATATCTGCTCTCACGAGGAGGACCGGGCGT
 CGTCTGTGTAGGTGAGCGTGCAGCTAACTTAGAGAAGACTCAGTGTCCCTGCTGGATGGGGACCCATGG
 CTGGCACTGTCTGGGAGCTGAGCCCCAGCTCAGAGGAGCCCCATAAATCATGCTCCCAAGCCGGCAG
 CAAGCTCCAGAATGGCCCCGAAAGAAGAACCCCGGCCACCAAGCAGGTCAAGTCCACCCGAGCCCC
 TGTACTGACAAATGGAGCTCCCCGCAAGAGCGGCTGCGTCTGGTCTCAGGTCCCATGGATGTGCCGGC
 CGCCTGGAAGTCTGGCACGGTGGACGTTGGGACTGTCTGCGATGATGGATGGGACCTCCGAGACGCAG
 CAGTGGCCTGTAGGGAGCTAGGATGTGGGGAGCGCTGGCCGCCCTGGAGGTGCCAGATTCGGACCTGG
 TGAGGGACCCGTGTGGATGGACGATGTCGGGTGTGGAGGAGGAGAGGAGGCCCTCCGGGACTGTCCCGA
 AGCCCCCTGGGGCCGAGCAACTGTGACCACACAGAGGATGCAGGGCTGGTCTGACTGGTCTGCACCCA
 GGTTGCGCCTTGCTGATGGTCCCAACGGCTGTGCTGGGCGCTGGAGGTTTGGCATGGTGGCCGCTGGGG
 GTCGGTATGTGACGATGCTTGGGATCTTCTGATGCCGCTGTGGCCTGCAGGGAGCTGGGCTGTGGGGT
 GCCCTGGCTGCCCAAGGGGTGCCTTCTTGGTGGGGGCTGGACCCATCATCTGGATGACCTCAGAT
 GTCGAGGAAACGAGACAGCCTTACGATTCTGCCCTGCGAGGCCCTGGGGTCAAGTACTGTCACCATCG
 GGAGGATGCTGGGGCTGTGTGATGCCATGCCTCTCGGTGGCGATGTGCAGCCTACAGCTCCTGCAGTG
 GACAGCAACAGAACAACCCAGGCTCCAGTCTACCTCAGTGGGTGATACGCCAGGCCAGCAGGAGGCT
 GGCTCCTCCTGCTTCTCCTACTGCCCTCCAGAGCCTGGACCTGAAGCTGGGTCCCGGAGTGGCGCT
 GGTGGCTGGACCCAGCAGGTGCTCTGGTGGCTGGAGGATGGCATGATGGACGCTGGGGGACAGTATGT
 GATGACAGCTGGGACATGAGAGACTCAGCTGTGGTCTGCCGGGAGCTGGGCTGTGGGGGGCCCCGACAGC



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CAGACCCTGCAGCAGGCCGCTTTGGCTGGGGCGCAGGCCCATCTGGCTGGATGATGTAGTTGTGTGGG
GACGGAGGCTTCACTGTGAGAATGCCCTGCTGCTTCTGGGGAAACACAATTGCCCCACAATGAGGAT
GTCGGGGTTACCTGCACCGGGACCCCGGCCTGGACACCATCTCAGACCCCTTTCAGTTGGAGCTGGCTCC
CTGGGCTGGGTAGAGATCAGGATGCCTGGCTCCAGGAGAGCTGGCCACCAAGCCTTCTGCCAGTCTCAC
CTCCAGTGTGCTACAGAAAACCAAAAGGCTCCAGGAAAGTGCCCAAGAGTACCAAGAAGTGGGTGACT
AAAAATGCAAAGAGACCAACCACCTCAGCCCCCTGGGATACCAATCACTAAACGCCCCAGGGTCCCAGGCA
CCCCAACCTCCCTAAGCCCAACCCACGTACCTCTGAGTTACCAAGAGACTTACTGCCGAGGCTCCTCG
CAGACAGACCTCACACACCACCGAAAGGCTGACCCTAGGGTCCCCTGGGAGTGGACCTCAGAGACCGCG
GCATCACTGTCCACTCAAGGCCCCCAAGAAGTGACCTCTGAGGCCACCACCGCACAAACCCCTCAGACCT
CCTTGGAGCCATTTGGTGAACCCAGAAGGCTCTCTAGAATCTTCCCAGGATCCAGCTGCCACCCCGAC
TGCTGGAGTTCCTGTCATCGGGTCCCTTCCGGGTTCTGCTGGCTGATGGGCCAACAGGTGTCTGGC
CGGCTAGAGGTGTGGCATGCCGGGCTCTGGGGACAGTCTGTGATGACAGCTGGGACCTCCGGGATGCCA
CAGTGGCTGCTGGAACTGGGTGCGGAAAGGTCGGCCCGAGTAGGCAAACCCACTATGGCCCTGG
CACTGGGCCATCTGGTGGATGACATGGGCTGTAAAGGAAGTGAGACGTCAGTACTGACTGCCCTCG
GGGACATGGGGGAAGCACAACCTGTGACCACGAAGAAGACGTGGTGTCTACCTGCAGTGGTACACAGGGG
ATGACGATTACCTTCTGGACCTGGGACCCACTTCGGAAGAGGACCTGACCAAAGGACCACAGTGGC
CACACAGCCTGGACATACACCTTCTGGGCTACTACCACAAACCCCTGAAGTTCTCTCTCCAGCAACGCG
AGCCTTCCAGACATAGATGACCAGGGTAGTTATGAGCTCTCTGGACATGGGATACACCTTCCAGGAAGGA
GTCTGTCAAAGGGACCCCAACCAACCAACCTGGATCCACAGTTACCACTAGCACCAGAAAGAGTCC
AGGCCATCCCTTCCAGCTCCAAGGGCCCGTCAAACACAGGTTTACCAAGGAAGCCAAAACCTGAGCGC
CGGACGCTGCAGCCACCTCAGCCAGGACGACACACACCCTCATCCCCGGTCTCTACACCTCACCAG
AGCCTTCTGGCTCACAGCAGACCTCTGGCTCCTGGCCACAACCTTCCCAGACTTGGCTTCAAAGCAGGA
GGGACGTCTACCCCTCCAAAACATCTCCACTACCCCAAGGACTTCCCTCCCAACAACTTTGCCTTG
TCCACTACTGATGCCAGTTTGCTTCCAACACGTCCCCAGAGCTTTCAGGCAGCCCAACATCCAACCTCC
CTGAAGGGCTAACCTCTGACTCCCCATGCTATTAGAAGTGAGCAGCCTTCCCCCTACCTCAGAGCTGAC
GCCAGGATCTGACATGACACCAGACCTGGGCACAGCACCCAAAATAATCCAGAAAGTTCTGAGTCTCA
GACCTCCCCACGAGCCCCAGCACCCACACACAACCATTACAGCCTCTTACCCTACCAGCATCCCTCACC
CCACCACCATCCCTCATCCCACTACCCCTCATCTAGAGCCCCCTCCACCCACCACCATCCCTCA
ACTCAACACAACCTTCTACCCACCATGGCCCTGCAACCTACCACCAACCCCTCAGCATCCCGGAGCCCT
CATCCACCAAGTCTCAACCTCCACCAACACTCACTTTCTTCAACCTCTGCCACCCCAACAAGT
CCCTTCCATCCTCCCAGAGACAGAATTTCTCTCTACTCCACAACCAAGGGTCAAGCCTAGCCTACA
CCCAGATCTGACCTTTGTAGGAGTCCCGCCACAGGCAAATCCCAGATGCAGAACCTAGAGTTCTCTCTA
GCCTCAGAGTCTGGCCCTCCAGGCCCTCTCCAGCCCAAGCATGGACCCACTATCCACAGAGGTCTTCA
AACCACCCAGAAGCCAGACCTTACACTCAGTTTGAAGCCATGGTGACCCTGACCTTGCATCTCCTC
TATGGCCACCCATCTGACCAACCTCCCCAGATCGCCTCGCTCAAGGGCAACTTCTAATCACAACCCA
GGTCCCTTTGGGCCATGTGTCTCCTCAGTACCCTGTAAAGGTCATGGCTGTGAGCCACTGCCTTGG
TGGAGCTGGTGGCTGTGTGAGGAGGTGGGTGACCAGCTGCAGAGGCTGACCCGGTCTGGAGCAGGA
CCGGCAGGAGCGCAAGTCTGGGGCTGGGCTAGTCAAGTTGGTAGAGGCTGCCAGGGTTGGGGCAG
CTAAGTGAGACTGTAAGAGGCTTGACAGAGGTGGCTGGCCCCCAGCACACCTGTGCCCAACCAACCA
CCACAGAGGAGGAGAGGCCTCTGAGAGGAGATGTGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001134545
Insert Size: 4311 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_001134545.1</u> , <u>NP_001128017.1</u>
RefSeq Size:	4495 bp
RefSeq ORF:	4311 bp
Locus ID:	308341
Cytogenetics:	1q12