

Product datasheet for **RN217342**

Scyl2 (NM_001191780) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scyl2 (NM_001191780) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Scyl2
Synonyms:	RGD1305665
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF:

>RN217342 representing NM_001191780

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGTCCATGTCTCAATAAACTGAAGAGTACTGTTACAAAAGTAAACAGCCGATGTCACCAGCGCGTTA
TGGGAAACCCTGTCACTAGAGAATTTGATGTTGGGCGACACATTGCCAGTGGTGGCAATGGGTTGGCCTG
GAAGATTTTTAATGGGACAAAGAAGTCAACCAAACAGGAAGTGGCTGTTTTGTCTTTGATAAAAAGCTG
ATTGACAAATATCAAAAATTTGAAAAGGATCAAAATCATCGATTCTTTAAAACGTGGAGTCCAACAGCTAA
CCCGGCTACGACACCCTCGACTTCTTACTGTCCAGCATCCTTTAGAAGAGTCAAGGGATTGCTTGGCATT
TTGTACAGAACCAAGTTTTGCCAGTTTAGCCAATGTTCTTGGTAACTGGGAAAATCTACCCTCTTCAATA
TCTCCAGACATCAAGGATTATAAACTTTATGATGTAGAACTAAGTATGGTTTGCTTCAAGTTTCTGAAG
GATTGTCATTTTTGCATAGCAGTGTAAAAATGGTTCATGGAAATGTTACTCCTGAAAATATAATTTTGAA
TAAAAGTGGAGCCTGGAAAATAATGGGTTTTGACTTTTTGTGTGTCGTCGACCAATCCTTCTGAACAAGAG
CCCAAGTTTCTTGTAAAGGAGTGGGATCCAAACTTACCATCATTGTGCTTCCAAATCCTGAGTACTTGG
CTCCTGAGTATATCCTGTCCGGTGGAGCTGTGAGACAGCCAGTGACATGTACTCCTTAGGAGCTGTTATGTA
TGCTGTGTTTAAATAAGGGAGACCTATATTTGAAGTCAACAAGCAGGATATTTACAAGAGTTTCAGTAGA
CAACTGGATCAGTTGAGTCGTTTAGGATCTAGTTCACCTACAAGCATACCCGAGGAAAGTTCGTGAACATG
TCAAACCTGTTGTTAAATGTAACCTCCGACTGTAAAGACCCGATGCAGATCAAATGACAAAAATTCCTTCTT
TGATGATGTTGGTGCAGTAACTCTTCAATTTTGATACCTTATCCAAAGAGATAATCTCCAGAAATCA
CAGTCTTCAAAGGATTGCCAAAGGTTCTACCAAAGCTGCCAAAGCGTGCATTGTGCAGAGAAATTTTAC
CCTGTTTGACTCAGAATTTGTAATCTGACATGGTACCTTTTGTCTACCGAATGTTTTGCTGATCGC
TGAGGAGTGCACCAAAGAAGAATATATCAAAATTAATTCTACCTGAACTTGGTCTGTGTTCAAACAGCAG
GAGCCAATCCAGATTTTGTAAATTTTTCTACAAAAATGGATTTGCTGCTAACAAAAACCCCTCCGGATG
AGATAAAGAACAGCGTCTGCCAATGGTCTACAGAGCTCTGGAGGCTCCTTCAATTCAGATCCAGGAGCT
CTGTCTAAACATCATTCCAATTTTGCAAATCTTATAGACTACCCGTCATGAAAAACGCTTTGATTCCA
AGAATTAATAAGCTGTTTACAAACGCTTCCCTTGCTGTTGCTGTGAACTCATTAGTGTGTTAGGGA
AGATCCTGGAGTACTTGGATAAGTGGTTTGTACTTGATGATATCCTGCCCTTCTACAGCAGATTCCTC
CAAGGAACCTGCAGTCTCATGGGATTTTAGGATTTATAAATGTACTTTTACTCATAAAAAGTTGGGA
ATCACCAAAGAGCAGCTGGCTGGAAAGTACTGCCTCATCTCATCCCCCTGAGCATTGAAAACAACCTCA
ACCTCAACAGGTTCAAGCTCCTTCAATGCTGCATAAAGGAGATGCTGAGCCGACTGGAGTCTGAGCACAG
GACTAAGCTGGAGCAGCTTACATAATGCAGGAGCAGCAGAGGCTTTGGACATAGGGAATCAAATGAGC
ACTTCTGAGGAGACAAAAGTACACCTTCTGAACTCAGCAGATTGATAAAGTCTTTAACAACTTGGTG
CAGACCTTCTAAGTGGCGGTGAATCAGAAAATAGAGAAGACGGGCTGCAGGGTAAACAGAAAAGAGGGTC
ACTAACCTTGAAGAGAAAACAGAAATAGCGAAAGAACAGGAGCAGGCACAGAAGCTGAAGAGCCAGCAG
CCTCTTAAGCCCCAAGTCCACACGCCATCGCTCCTGTCAAACAGACTAAGGACTTGACAGACACATTGA
TGGAGAACATGTCGTCTTTGACCAGCCTTCCGTTAGCACTCCTAAGATTTCTGCTTCAAGCACCTTCA
CTCAGTCCCTCCACAGGCTCAGCATGATGTTTTCTACACCAATTGATAATAAAGAGAAAATTTGACA
AATGGCCTAAATGCCAACATGGGCTTTCAGACTTCAGGGTTCAACATGCCAGTCAATCCAAACAGAACT
TCTTCAGTGGTACGAGCAGCTGGTGTGACCACCATGACTCTGGGAGCACCTCCTACCATGTCAAAT
CAGCCCTTTGAGTATTCCTCCTGCTAGTGTGAAGCAGACTCAACAGAGACCACCTGATATGTCTGCCCT
AATAATCTCTTTGGCCCTCAGAAACCAAAGTCAAGCATGAACCAGCTGTCCCAACAGAAACCAAATCAGT
GGCTGAATCAGTTTGTACCTCCTCAAGTTTCTCCAGGCATGGGCAGTGCAGCCATGGGCACACAGGTGAA
TGTGATGGACAGGCTGCCTTTGGTATGCAGGGCAACCCCTTCTCAACCCACAGAGCTTCGCACAGCCA
CCACCAACTACTATGACCAGTAGCAGCTCAGCTAGCAATGATTTGAAAGATCTTTTCGGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:	NM_001191780
Insert Size:	2793 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001191780.1, NP_001178709.1</u>
RefSeq Size:	4745 bp
RefSeq ORF:	2793 bp
Locus ID:	314717
Cytogenetics:	7q13