

Product datasheet for **RN217150**

Scyl3 (NM_001191828) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scyl3 (NM_001191828) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Scyl3
Synonyms:	RGD1308992
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217150 representing NM_001191828
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGATCAGAGAACAGCGCTTTAAAGAGCTACACACTGGGAGAGCCTCCATATACCTACCATCTGGAC
 TTGCCGTTTATCCCGCCGACTGCAGGATGGGAAATGCGCTTCAGTGTTGTTGTGTACAAGCGAGAAAACGA
 AGACAAGGTTAAACAAGGCTGCCAAGCACTTAAAGACACTCCGTCACCCCTTGCTTGCTAAGGTTTTTATCT
 TGTAAGTGTGGAAGCAGATGGCATTACCTCGTCACCGAGAGAGTGCAGCCTCTGGAAGTGGCCTTGAAAA
 CCCTGTCTCCTGTGAAGTCTGTGCTGGGATCTATGACATATTGCTGGCTCTCGTCTTCTTCATGAGAG
 AGGACATCTGACACACAACAATGTCTGCTTATCGTCTGTTTTTGTGAGTGAGGATGGGACTGGAAGCTC
 GGAGGCATGGAGACTGTTGCAAAGTTTCTCAGGCCACACCAGAGTTTCTCAGGAGTATCCAGTCAGTAA
 GAGACCCAGCATCCATTCTCCTGAGGAGATGTCTCCAGACTTCGCGGCCCTCCAGAGTCCCACGGACA
 CGCCCGCATGCCTATGCCTTTGGAGCTTTGGTGGACAGCTTGCTCCCCATCTTAAATGAGCAGGTTTCA
 GCGGACGTTCTCTCCAGCTTCTACAGACCCTGCACTCAGCTCTGCTCAGTCCCACGCCAACATGTCCGGC
 CAGCACTCAGCACCTTACTGTCCATGATTTTCTCAGAAATGATTTTCTAGAAGTTGTAATTTCTTGAA
 AAGCTTGACATTAAGAGTGAAGATGAAAAGACTGAATTTTTCAAATTTCTGTTGGACCGAGTGAGCTGC
 CTGTGAGAAGAATTAATAGCTTCAAGATTGGTGCTCTTCTGCTTAACCAGCTGGTGTTCGCTGAGCCAG
 TAGCTGTTAAGAGTTTTCTTCCCTATCTACTTGGACCTAAAAAGAGAATGCACCAGGAGAACTCCTTG
 CTTGCTCTCGCCAGCGCTGTTCCAGTACGAGTGATCCCTGTGCTTCTCCAGTTGTTGAGGTCCACGAG
 GAGCATGTGCGGATGGTGTACTGTCCACATTGAGGCCTATGTTGGAGCACTTTACTCAGGAACAGCTAA
 AGAAGTCATCTTGCCACAGGACTGCTGGGCCCTCGTGATACCAAGTATTCCATTGTGGCGGACTACTCT
 CCGGAGCCTGGCAGTGTGGTGTCTTACTTGGACCAGAAGTGGTTGTGGGAGGACAAAGAAGTAAGATC
 TTTAAGCGCACTGCTCCAAGCTTTACAAAAGTGTGACCTTTCCCTGAAGTTCCCCCATGCATGTTG
 TGTGACGCCAGCAGAGTCGGATCTCGAAAGTCTTGGAAGACCCTTCTCTAATGTATTCCCTAAATGGTT
 TTCTGGCAACATGTCCATCAATAGCAGGAAGCACATACAGGAAGAATATTACGTAATCTTTTACAGACA
 GGTGATCAGTTTTCTCACACTATTAATTCCTATGAATGGACTCTCAGATGTGAAGAACACTTCAGAGG
 ACAATGGAAGCTTCCCTGCAGGGTCTAATAAGCCTGAAGAGTGGCCTGACTGGAGTGAGCCTGAGGAGCC
 TGAGCACCAGACGACAGTATTCACATATGGCCCCAAGAACCCTGACGTGGCAGAGACCAGCACACA
 AGTCTGAGCGCACAGGAGTTGTCTGGGATGACTGTGAGTCTAGCTTTGGCCCTGAAGTCAACACAGCAG
 CCAGAGCCTCTGCTCCCAGGCCTGTACCTCAGGGGAACAGATGCCCACTGCAGCTTTGCTTCTCTCAC
 TGAAGAGTCAAAGCCTGTGCAATCCAGGCCTTCTCAAAGACCAGTCAATAGACAGCAAGAGGAAGTCAAA
 GCACCCCAATGTCAAGAAGAACCCCAAGTTTCGATCAGAACTTGGTTTAGGAGAAGAGTTTACCA
 TTCAAGTGAAAAAGAACCCAGCACAAGATCCTGAGTTAGACTGGTTTGCAGATATGGTCCCAGAAATTA
 GCCTTCAGGTAATTTCTTATCTTGCTGAACTAAGGACAGAAGGGATGGTTCTGACAAAGATACTGTC
 TCACCAGTGATGCAGTTTCTCAAAGTTTGTGCAACAGAAATGACCGAGGGAGAGGCTGAAGGCTGGG
 AAGGAGAAGAGCTAGCCTGGGAAGATGACAACCTGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001191828

Insert Size: 2208 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_001191828.1</u> , <u>NP_001178757.1</u>
RefSeq Size:	2966 bp
RefSeq ORF:	2208 bp
Locus ID:	360866
Cytogenetics:	13q23