

## Product datasheet for **RN215497**

### Scin (NM\_198748) Rat Untagged Clone

#### Product data:

|                           |                                     |
|---------------------------|-------------------------------------|
| Product Type:             | Expression Plasmids                 |
| Product Name:             | Scin (NM_198748) Rat Untagged Clone |
| Tag:                      | Tag Free                            |
| Symbol:                   | Scin                                |
| Synonyms:                 | Scind                               |
| Mammalian Cell Selection: | Neomycin                            |
| Vector:                   | pCMV6-Entry (PS100001)              |
| E. coli Selection:        | Kanamycin (25 ug/mL)                |



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**Fully Sequenced ORF:** >RN215497 representing NM\_198748  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGCAGGAGCTGCAGCACCCGAGTTCGCGCGCAGGAAAACAGGCGGGGCTGCAAGTGTGGAGGG  
 TCGAGAAGCTGGAAGTGTACCGGTGCCCCAGGGTGCCTATGGTACTTTTACGTCGGAGACGCCTACCT  
 GGTGTTGCACACCACCAAGTCGAGCAGGGGCTTCTCTACCGCTGCACTTCTGGCTGGGAAAGGAGTGT  
 TCCCAGGATGAGAGCACGGCAGCGGCCATCTTACCGTCCAGATGGACGACTATTTGGGCGCAAGCCGG  
 TGCAGAGCAGAGAGCTTCAAGGCTATGAGTCGACTGATTTTGTGGCTATTTCAAAGCGGTCTGAAGTA  
 CAAGGCCGGAGGTGTGGCTTCTGGACTAAACCATGTCCTACCAATGACCTGACGGCGAAAAGGCTTCTG  
 CATGTGAAGGGTCGGAGAGTGGTCAGGGCCACAGAAGTCCCCTCAGCTGGCAGAGCTTCAACAAGGGCG  
 ACTGCTTCATCATTGACCTTGGCACCGAAATTTACCAGTGGTGTGGTTCTCTGCAACAAATATGAGCG  
 TCTGAAAGCAAGTCAGGTGGCCACTGGCATCCGGGACAATGAGAGGAAGGAAGATCTCAACTCATTGTG  
 GTGGAAGAAGGAAGTGAACCACCAGAGCTCATGAAGGTTTTAGGGAGAAAAGCCTGAACCTCCAGATGGGG  
 ACAATGATGATGATGTCATAGCAGACATAAGTAACAGGAAGATGGCGAAAACCTCTACATGGTTTCAGATGC  
 CAGTGGGTCCATGAAAGTGAAGTCTGGTGGCTGAAGAAAACCCGTTCTCCATGGGCATGTTGCTTCTGAA  
 GAATGCTTCATTTGGACCATGGTGTGCAAAAACAAATCTTTGTGTGGAAAGGTAAGGTAACCCCGC  
 AGGAAAGGAAGACTGCCATGAAGACAGCTGAGGAGTTTACACAAAAATGAATATTCTGCCAATACTCA  
 AATTACAGTACTTCCAGAAGCGCGGAGACCAATTTCAAACAGTTCTTTAAGGATTGGAAGGATAAA  
 GACCAGAGTGACGGCTTTGGGAAGGTGTACATCACAGAGAAAGTGGTCAAATAAAGCAGATTCCATTTG  
 ATGCATCAAAAACGACAGTTCTCCGAGATGGCAGCCAGCACAAACATGGTGGATGATGGCTCTGGAGG  
 GGTGGAGATCTGGCGTGTGGAGAACAGTGGTAGGGTCCAGATTGACCCAAGCTCTTATGGTGAGTTCTAT  
 GGCGGTGACTGCTACATCATCTCTACACTTATCCCAGAGGACAGATCATCTACACGTGGCAAGGGGCGAG  
 ATGCTACCAGAGACGAGCTGACGATGTCTGCGTTTCTGACTGTTGAGTTGGATCGGTCTCTCGGAGGGCA  
 GGCTGTGCAGGTTCTGTGTCTCAAGGCAAGAGCCTGCTCACCTGCTGAGTTTGTCAAAGACAAACCA  
 CTCATTATTTATAAGAACGGGACATCTAAGAAAGGAGGGCAGGCACCGGCTCCCCCTACACGCTCTTTC  
 AAGTCCGGAGGAACCTGGCATCTACTAGAAATCGTGGAGGTTGATGTGGATACAAATTCATTGAATTC  
 TAATGACTTTTTGTCTGAAACTGCCACGAAACAATGGCTTCATCTGGATAGGAAAAGGGGCTAGCCAG  
 GAGGAGGAGAAAGGAGCAGAGTATGTGGCTGATGTCCTCAAATGCAAAACCAAGAATTCAGAAGGCA  
 AGGAACCAGATGAATTTGGAACCTCTTTGGAGGAAGAGGAGACTACCAGACTTACCATTGCTGGAAC  
 ACAGGCTGAAGATCATCCTCCTCGGCTTATGGCTGCTTAACAAAACCTGGAAGATTCATTATTGAAGAA  
 GTTCCGGGAGAGTTACCCAGGATGACTTGGCCGAAGATGATGTCATGCTACTTGTGCGTGGGAACAGA  
 TCTTCAATTTGGATTGGCAAAGATGCCAATGAAGTTGAGAAAAAGGAATCAGTGAAGTCTGCCAAAATGTA  
 CCTTGAGACAGACCCTTCTGGAAGAGACAAGAGGACACCAATTTGCATCATAAAACAAGGCCATGAGCCC  
 CCCACATTCACAGGCTGGTTTCTGGGCTGGGACTCCAGCAGGTGG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_198748

**Insert Size:** 2148 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).

|                               |   |
|-------------------------------|---|
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u>NM_198748.1, NP_942043.1</u>   |
| <b>RefSeq Size:</b>           | 2148 bp   |
| <b>RefSeq ORF:</b>            | 2148 bp   |
| <b>Locus ID:</b>              | 298975  |
| <b>Cytogenetics:</b>          | 6q21  |
| <b>Gene Summary:</b>          | mouse homolog is a calcium dependent, actin-binding and -modulating protein which can be upregulated by the aryl hydrocarbon receptor in response to 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) [RGD, Feb 2006]   |