

## Product datasheet for **RN203632**

### Scfd2 (NM\_001017499) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Scfd2 (NM_001017499) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Scfd2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN203632 representing NM\_001017499  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGTGGCGTGGGCGTACTGTCTTTTGCCAGCAAGGCTGGGAGCAGGTGCTGGCCAAAGTGAAGTGGT  
 CCGTGGTCTACCTGGACGCTGCCTGCGCGGAGAGCCTGCACTGGAGCTGCGGTTCAAGCAGGCTTCTGGA  
 GGCGGTGAAGGGTCTGCGTGCAACCTGAGGGAATTTGAACCCCATGCAATAGGCGGTGGGGCCAAGCAG  
 CCCCAGGCGGTGTTGTTTTGAGCAGCCTGCTGAAAGGCCGCATAGTAGACACTCTACAAGACATCATT  
 GCCGCAGTCACTTTCAGCACTGTGTGGTGGTGCACAGCCGTGAGCCACCCAGTCCACCTCACTGCTAACCA  
 TGTACCAGCAGCTGCAGCGGCCGAGCTAGAGGGGCAGCAGCCGGTGTGCAACAGCTGGAGGAGAAGCTC  
 TGTGAGTGGATGGCAACATGAACTACACAGCTGAGGTGCTCCACGTCCCCTGTTGCTCGCCCCTGCTG  
 CTCCCACCTTGCTTTACTCCAGCCTTGTACCTTTTCCCCTGCTACCTCAGGATGTGCATGTTCT  
 TAATAATGCCAGACCCGACAAGAGGAGACTGAACAGCTTGGGTGAGGTGGATGCCACTGCCCTAACCCCA  
 GAGCTGCTGCTGTACATTAGATGCCTCGTGTGAGGCTCAGTTCCTGTGTGAACATCTAGGGGTACGAG  
 AGGAGTGTTCGCTGTGGGTTCCCTCAGTCGGGTATCGCTACAGATCTGGCAAATTATGCCCTGCCAA  
 GAACAGGAGAAAGACTGCTACAGGCAGGGCTTCCGTGGTCTTTGGATAGAACTCTGGATCTCACGGGA  
 GCGGTTGGACACCATGGAGACAACCTTAGTAGAGAAGATCATTTCAGCACTTCCACAGCTTCCGGGCCACA  
 CCAACGACGTGATGGTCAACATGGCAGAGCTCACGGCTGTCCAGGCTGTGGAGGAAAACAGACCGTGT  
 TGCACCAGGCTGCCTTGCCCATCCAATGATGCCTCAGCCAAGGCCCTCTGGGAAGCCTTACTGAACACC  
 AAGCACAAAGAGGCGGTGATGGAAGTCCGAGACATCTAGTGAAGCAGCCAGCAGAGAGAACCTGCCCA  
 TCAAGATGAGTATGGGGAGAGTCACTCCAGGGCAGCTCATGTCCATATTCAGCTTTCAGAACAACT  
 CAGAGCTCTTACAAATCATTGTGGGCTTCTACAGCTAGGGATGGCCACAGTTCAAACCTGAAGCACCCA  
 CAGACTGCCAAGTGGGATAAATTCTGGCATTGAAAGGCTTCTTCTACAGAGTCTTGGGATTCAACCA  
 TGGCTGTTGCTAAATCAGCTGCTACCCTTGATTAAGTCTCAAGCCAGAGAACCAGGGACGACTACAG  
 CCCCAGGAGCTGCTAATCCTCCTCATATACATCTACTCGGCTACTGGGAATGCACGGGGACACAGAC  
 CTGGGAGACGTGGAAGAGAAGGTGAGGAGAGCACTGGCCAGTGTCTTCTGAGGAGTCTGAGCTGTCCC  
 CTTTGTGTCAGAAGATCACAGGCTGTGACTCTGCAATCGACCTGACATTGCCAAATCCCAAACCTGCTGT  
 GAATGATGTCTTACGGCTCTCCGGGAGATCGCTGGAGCTAGGAATCTCCTGAGACAGTTCAAATCGGTG  
 TATGTTCTGGAATAGTACCCATCAGGCAGCCTATAAGCCACTGTTGAAGCAGGTTGTGGAAGAAATAT  
 TTAATCCTGAGAAGCCAGATCCCATTGACATTGAACATATGTCCTCAGGCCTCACTGATCTCCTTAAAC  
 TGGATTACAGATGTTTATTGAAGGTGAGCCGGCCCCATCCCAGTGACCATCCCCTCTTGATCCTCTTTGTG  
 GTGGGCGGCGTCACAGTTGCTGAAGCCAAAATGGTCAAAGACCTTGTAGCATCTCTGAAGCCAGGAACCC  
 AGGTGATGGTGTGTCCACAAGACTCCTGAAGCCACTTAACATTCCTGAGCTGCTCTTGAACCTGACCC  
 GCTACACCCAGACCTTGGCTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001017499
- Insert Size:** 2055 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:**

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\\_001017499.1](#), [NP\\_001017499.1](#)

**RefSeq Size:** 2360 bp

**RefSeq ORF:** 2055 bp

**Locus ID:** 498353

**Cytogenetics:** 14p11