

## Product datasheet for **RN209045**

### **Slf2 (NM\_001134612) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Slf2 (NM\_001134612) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Slf2  
**Synonyms:** Fam178a; RGD1560300  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN209045 representing NM\_001134612  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGACAAGGCGCTGCATGCCGCTAGGCCAGGTTCCCTCATCCCAGCCCCGGGTCGTCGCCCCGC  
 GCTGCCATCTGAGACCCGGTAGTACCACCCTGCTGCAGCGGGAAAAAGAACAGAGAGTCTGGGGACAG  
 GAATCAATCAATCATAGATTTCTCAAGCCAGCTTCAAAACAAGACAAACATATGTTGGATCCCAAAAA  
 TCAGACATCAAAATACAGAGGAAATGGATTATCCATCACTGGGACAGAGCAATTTGAAAGGAAATTATCTT  
 CACCAAAAAAACCTAAACCCAAAAGGATGTCATCAGAAGAAAGTCTATTTTAGAAGCTTTCATGAAAGG  
 CGGGAAAGAGCACCACAAAGACCGTGGCGTCCATGAGTCACGTCGGCCATGTATGTCTCTAAGCACAAA  
 TATTTACCCAAAGGAGCGGGCATCTATGCTCCTTCTTACCGATTGCCCAAAGAGATCAAGGCACGGA  
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 CAGAGATCGAGGCAAGAAGCAGTGAAGACTCCAGAAAGCAAGTCCCAGCCACAGAAGGTGACATCTCAAG  
 AACAGCTCCAGAAGTGTAGTAGCAGAAGCAGCCTATCTAGACACCATCCAGGAGAAAGCCCACTGGGG  
 CTAGGTTCCAGTTGTCATTAGCTTCTTACTGCCGAGAACGAGAACAGAAGTTGAGAAAGGAACAAAT  
 GGAGCAGAGAATCAACTCAGAAAATTCTTCTCAGAAGCAAGCAACCTTTCCTTAAAGTCTCTGGTGTA  
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 TAAGACACATCGCACTGAAGACTCCTGGTGGTGTCTGCGCTTGGAGATATAGCTAAGGAACCTGATGA  
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 CCACAGCTAAAAGAGCTAGCAACCTTCAAGAAAAGTAAACCGGCTGGTTCTGTGACATCAAAAGAGACAAA  
 GCTACCTTACTTTCCCATGTTCCAAGTCTGTTTCTCTCGAGTACCGCTAAATGCTAAAAATTGCACT  
 CTTCAGTTCTTAAAAAGATAAAGAGCGTTTCTCCTCGAAAGAAGTCTGGGCATTCTGCAGAATCTT



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CCAAACACAAGGAACACAAGCAAGACTATCAAGGCTGTTTCTAATGAATCTTCAGGGAAAAGTTCTGG
GGGATCCTTGCAATTCAGAGTACGCCCTCCAACAGCATCTCCTCCGGCTGCCTTGGAAGTTGTGCCGTGT
GTCCCAAGCCCAGCAGCTCCTTCAGATAAAGAGAGTTCAGGAAATTCCAATGCAGGTAGCAGTGCCTGA
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TCACTGTCTGATATAGCAGCTGTATTCTCAACATGGGTGTTGGTTTTGGAGCTTTGTTTCTCTGGAGA
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TGAAGATTCATCTTATAATCCAGTATTTTCAGCTCTTCTGAAACCAACATTTTAAATGTGGTTAAGTTC
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TGTTTTAAATGAGTTTGGAAAAAGAGCTTAAACAGATTCCATTAGTAGACTTTTTCAGAGCCTCCTGATAAA
TCTCATGAAAAATATCAGAGATTGGAACACAAGGTTTCATGAACCTCTGTTTGGGCATAAATGAACTTTCC
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GGCAGTGCCTCAGTCTGGTGATTATTTCAAAGCTTTTGGATGAAAACATGAAGATATTCCTAATGCCAA
TAATCTTCAGATCCCAGTCTACATCGCTATCTAGTACAGATGAAGCCTTCTGATTTGTTGAAGAAAATG
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AAGGGCTTTCCAAGGGGATTACTGTGGGATCCAGCAGATGCTAA

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**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001134612
- Insert Size:** 3405 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\\_001134612.1](#), [NP\\_001128084.1](#)  
RefSeq Size: 6794 bp  
RefSeq ORF: 3405 bp  
Locus ID: 499360  
Cytogenetics: 1q54