

## Product datasheet for **RN210063**

### **Sulf2 (NM\_001034927) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Sulf2 (NM_001034927) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sulf2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN210063 representing NM\_001034927  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCACCCCCTGGCCTGCCACTGTGGCTGCTGTCCACCCTCTCTTCTCCCTTCTGGCTGGCAGCTCAG  
 CCTTCCTCCTATCCCCGCCTGAAGGGTCGCTTCCAGAGGGACCGCAGGAATATCCGGCCAACATCAT  
 CTTGGTGCTCACGGATGACCAGGACGTGGAGCTGGCTCCATGCAGGTGATGAACAAGACACGACGTATC  
 ATGGAGCAGGGCGGGGCACACTTCATCAACGCCTTCGTGACTACACCTATGTGCTGTCCCTCTCGCTCCT  
 CCATCCTCACGGCAAGTACGTCCACAATCACAACACCTACACCAACAACGAGAAGTGTTCCTCGCCCTC  
 CTGGCAGGCACAGCATGAGAGCCGAACCTTCGCCGTGTACCTCAACAGCACTGGCTACGGACAGCTTTTC  
 TTCGAAAATACCTCAATGAATAACAACGGCTCATATGTGCCGCTGGCTGGAAGGAGTGGTTGGACTCC  
 TTAAGAAGTCCGCTTTTATAACTACACACTCTGCCGGAATGGGATGAAGGAGAAGCATGGCTCTGACTA  
 CTCACCGATTACCTCACAGATCTCATACCAATGACAGTGTGAGCTTCTCCGAACATCCAAGAAGATG  
 TACCCACACAGACTGTGCTCATGGTCATCAGCCACGCAGCTCCCCACGGCCCTGAGGACTCAGCACCCC  
 AGTACTCACGCCTCTTCCCAATGCATCCCAGCACATCACACCGAGTTACAACATGCACCCAACCCAGA  
 CAAGCACTGGATCATGCGCTACACGGGACCCATGAAGCCATTACATGGAATTCACCAACATGCTACAG  
 CGCAAACGCCTGCAGACCCTCATGTCTGTGGACGACTCCATGGAGACGATCTATGACATGCTAGTGGAGA  
 CGGGCGAGCTGGACAATACCTACATCGTGTACACCGCCGACCACGGCTACCACATTGGCCAGTTTGGCCT  
 GGTGAAGGGCAAGTCCATGCCCTATGAGTTTGACATCAGGGTCCCCTTCTATGTGCGGGGCCCCAGCGTG  
 GAAGCTGGCTCTCTGAACCCCAACATCGTCTCAACATTGACCTGGCCCCACCATACTGGATATCGCTG  
 GACTGGACATCCCTGCAGACATGGACGGGAAGTCCATCCTCAAACACTGGACTCAGAGCGGCCAGTGAA  
 CCGGTTCCACCTGAAAAAGAAGCTGAGGGTCTGGCGGAGACTCCTTCTGTGTGAAAAGAGGCAAACTGCTC  
 CACAAGAGGGAGGGTGACAAAGTGAACGCCAGGAGGAGAACTTCTGCCCAAGTATCAGCGTGTGAAGG  
 ACCTGTGTCAAAGGGCTGAGTACCAGACAGCATGCGAGCAGCTAGGGCAGAAAGTGGCAGTGTGTAGAGGA  
 CGCTTCTGGGGCGCTGAAGCTGCACAAGTGTAAAGGCCGGTGCAGTTTGGGGGCGGTGGTACAGAGCC  
 CTCTCAAACCTGGTGCCCAAGTACGACGGCCAAAGCAGCGAGGCTGCAGCTGTGACGGCGGCGGGCGG  
 GAGGGGACTACAACTGGCCTGGCTGGACGCCGGAAGCTCTTTAAGAAAAAGTACAAGACCAGCTATGC  
 CCGGAACCGCTCCATCCGCTCTGTGGCCATCGAGGTGGATGGCGAGGTATACCACGTAGGCTTGGATAAC  
 ATGCCGCTGCCCCGCAACCTACCAAGCGTCACTGGCCAGGGGCCCTGAAGACCAGGATGACAAGGATG  
 GTGGAAGTTTCACTGGTACTGGTGGCCTTCCAGATTATTCGCCCCAATCCCATTAAGTACCCATCG  
 GTGCTACATCCTTGAGAATGACACAGTCCAGTGTGACTTGGACCTGTACAAGTCCCTGCAGGCTTGGAAA  
 GACCACAAATTGCACATCGACCATGAGATTGAAACCTGCAGAACAAAATTAAGAACCTTCGAGAAGTCA  
 GGGGTACCTGAAGAAGAAGCGGCCAGAAGAATGTGACTGTACAAAAGTCAAGTACCACAGCCAACACAA  
 AGGCCGCTCAAGCACAAGGGCTCCAGCCTGCACCCTTTCAGGAAGGGTCTGCAGGAGAAAGACAAGGTG  
 TGGCTGTTGCGGGAGCAGAAACGCAAGAAGAACTGCGCAAGCTGCTGAAGCGACTGCAGAACAAATGACA  
 CGTGCAGCATGCCGGCCCTCACGTGCTTACTCACGACAACCACCACTGGCAGACCGCGCCGCTCTGGAC  
 GTTGGGACCCTTCTGCGCCTGCACCAGCGCCAACAATAACACGTACTGGTGCCTGCGGACCATCAACGAG  
 ACCCACAACCTTCTTCTGTGAATTCGAACTGGCTTCATAGAATACTTTGACCTCAGTACGGACCCCT  
 ACCAGCTGATGAACGCGGTCAACACACTGGACAGGGACGTTCTCAACCAGCTGCACGTCCAGCTCATGGA  
 GCTAAGGAGCTGCAAAGGCTACAAGCAGTGTAAACCCCGACCCGCAATATGGACCTGGGGCTTAGAGAC  
 GGAGGAAGCTATGAGCAATACAGGCAGTTTCAGCGTCGAAAATGGCCAGAAATGAAGAGACCCTCTTCCA  
 AATCACTGGGACAGCTATGGGAAGTTGGGAAGGCT**TAA**

**ACGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001034927  
**Insert Size:** 2628 bp

<b>OTI Disclaimer:</b>	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><a href="#">NM_001034927.1</a></u> , <u><a href="#">NP_001030099.1</a></u>
<b>RefSeq Size:</b>	4172 bp
<b>RefSeq ORF:</b>	2628 bp
<b>Locus ID:</b>	311642
<b>Cytogenetics:</b>	3q42