

## Product datasheet for **RN208270**

### **Slitrk2 (NM\_001107587) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Slitrk2 (NM_001107587) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slitrk2
Synonyms:	RGD1561361
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN208270 representing NM\_001107587  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCTGAGCGCGCTCTGTTTCCTCAGTGTGTTACAGTGGCCGGGATCTTACAGATCGAGAGTCGAAAA  
 CTGCCAAAGACATTTGCAAGATCCGCTGTTTGTGCGAAGAGAAGGAAAACGTAACATTAACCTGTGA  
 AAACAAAGGATTTACAACGTGTCAGTTTGTTCACCCCCAGTATCGCATCTATCAGCTGTTTCTGAAC  
 GAAACCTCTTGACCAGACTGTATCCAAATGAGTTTGTAACTCAAAATGCGGTGACTCTACATCTAG  
 GTAACAATGGGTTGCAGGAGATCCGACCTGGGGCATTAGCGGTCTGAAAACCTCAAGAGACTGCACCT  
 CAACAACAACAACTGGAGGATTGCGAGAGGACACTTTTCTAGGCCTAGAGAGTCTGGAGTACCTCAA  
 GCTGACTACAATTACATCAGCACCATCGAGGCAGGGCATTAGCAAACTGAATAAGCTCAAAGTACTCA  
 TCTTGAATGACAACCTTTTGTCTCTGCCTAGTAATGTATTTTCGGTTCGTCTGCTGACTCATTTAGA  
 CCTGAGGGGAAACAGGTTGAAAGTAATGCCTTTTGTGTTGTCCTGAACATATTGGAGGAATCATGGAA  
 ATTCAGCTGGAAGAAAACCCATGGAATTGCACCTGTGACTTACTTCTCTCAAGGCATGGCTGGACACCA  
 TTAAGTGTGTTTGTAGGGGAGATTGTCTGTGAAACTCCTTTTCAGGTTACATGGGAAAGATGTGACCCAGT  
 GACCAGACAAGACCTCTGTCCCAGAAAAAGTGAAGTGGTATTCTAGTCAGAGGAGCAGCCATTGAGAC  
 ACACATGTCCAAAGGCTGTCCCCTACAATGAATCCTGCTCTCAACCAACCCAGGGCTCCAAAAGCCAGCC  
 GGCCACCCAAAATGAGAAATCGTCCAACCTCCCGAGTACTGTGTCAAAAGACCCGAGAGCTTTGGCCC  
 AATCATGGTGTACCAGACCAAGTCCCGGTGGCCCTCACCTGTCCAGCAGCTGTGTCTGTACCTCTCAG  
 AGCTCAGACAATGGTCTAAATGTTAACTGCCAAGAAAGGAAGTCACTAACATCTCTGACCTACAGCCCA  
 AACCTACCAGTCCAAAGAACTACTGACAGGGAATCTCTCAAAACAGTCTATAAAGAAATGACCTCTT  
 AGAATACACTTCACTGGATTTGTTGCATTTAGGAAACAACAGGATTGAGTCACTCAAGAAGGTGCCTTT  
 ACAAACTGACCAGTTTACGAAGACTTTATCTAAATGGCAATTACCTTGAAGTGTGTATCCTTCTATGT  
 TTGATGGACTGCAGAGCTTGCAGTATCTCTATTTAGAGTATAATGTCATTAAGGAAATTAAGCCTCTGAC  
 CTTTGTGCTTTGATTAACCTCCAGCTCCTGTTTCTGAATAACAACCTGTGAGGTCTTACCTGATAAT  
 ATATTTGGGGGCACAGCCCTCACCAGGCTGAATCTGAGGAACAATCATTTTTCTCACCTGCCTGTGAAAG  
 GGGTCTGGACCAGCTTCTGCTTTTATCCAGATAGATCTGCAAGAGAACCCATGGGACTGCACCTGTGA  
 CATCATGGGCTTAAGGACTGGACCGAACATGCCAATTCTCTGTATCATCAATGAGGTGACTTGTGAA  
 TCTCCCGTAAGCATGCAGGGGAGATACTGAAATTCCTGGGAAGGGAGGCTATTTGCCAGATAATCCTA  
 ACCTGTGATGAGTGGACTGTTTTATCAATGAATCACAACACAGACACACCTAGATCACTTAGTGTGTCTCC  
 TAGTCTTACCCGAACTACACACTGAAGTTCCTCTCCGTCTTAATTTTAGGATTGCTTGTGGTTTTT  
 ATCCTGTCTGTCTGTTTTGGGGCGGGTGTTCGTCTTTGTCCTGAAGCGTCGAAAGGGAGTGCCAAAGT  
 TTCCCAGGAGTGCCCAACTTAGATGTAAGTTCCTTCCAGTTACAATATGGGTCTTACAACACCCGAAAC  
 TAATGATAAACTGATGGCCACGTCTATAACTACATTCCTCCACCTGTGGGTGAGATGTGCCAAAACCC  
 ATCTACATGCAGAAGGAAGGAGACCCAGTAGCCTATTACCGAAACCTTCCAGATTTCAGCTATGGCAACC  
 TGGAGGAAAAAAGAAGAACCTGCCACACTTGCTTACACAATAAGTGCCACTGAGTTGCTAGAAAAACA  
 GGCCACACCAAAAGAGCCTGAGCTGCTGTATCAGAATATCGCTGAGCGAGCTAAGGAACTCCCAAGTGA  
 GGCTAGTCCACTATAACTTTTGTACCTTACCTAAAAGGCAAGTTGCCCTTCATATGAATCTCGACGCC  
 AAAACCAAGACAGAATCAATAAAACCGTTTTATATGGGACTCCCAGAAAATGCTTTTGTGGGGCAGTCAAA  
 GCCAGACCACCTTTACTGCAAGCTAAGCCGCAATCTGAACCAGACTACCTCGAAGTTCTGGAAAAACAA  
 ACTGCAATCAGTCAGCT**GTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001107587  
**Insert Size:** 2541 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_001107587.1</a></u> , <u><a href="#">NP_001101057.1</a></u>
<b>RefSeq Size:</b>	2947 bp
<b>RefSeq ORF:</b>	2541 bp
<b>Locus ID:</b>	309349
<b>Cytogenetics:</b>	Xq37