

## Product datasheet for **MC222840**

### Slitrk5 (NM\_198865) Mouse Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids                      |
| Product Name:             | Slitrk5 (NM_198865) Mouse Untagged Clone |
| Tag:                      | Tag Free                                 |
| Symbol:                   | Slitrk5                                  |
| Synonyms:                 | 2610019D03Rik                            |
| Mammalian Cell Selection: | Neomycin                                 |
| Vector:                   | pCMV6-Entry (PS100001)                   |
| E. coli Selection:        | Kanamycin (25 ug/mL)                     |



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Fully Sequenced ORF: >MC222840 representing NM\_198865  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCACGTTTGTGCCCCAGTAACTTTGGAACAGGACCTTCACAGAAAAATGCATAGCTGGATGCTGC  
 AGACTCTAGCATTGCTGTAACATCTCTCGTCCTTTCCTGTGCAGAAACCATCGATTATTATGGGAAAT  
 CTGTGACAATGCATGTCCTTGTGAGGAAAAGGACGGCATTTTAACTGTGAGCTGTGAAAACCGGGGCATC  
 ATCAGTCTCTGAAATTAGCCCTCCCCGTTTCCCAATCTATCACCTCTTGTGTCTGAAAACCTTCTGA  
 GCCGCCTCTATCCCAATGAGTTTGTAAATTACACAGGGGCTTCAATTTTACATCTGGGTAGCAATGTTAT  
 CCAAGACATTGAGACTGGGGCTTTTCATGGGCTGAGGGGTTTGGGCGACTCCATCTAAACAATAATAAA  
 TTGGAACCTTCTGCGAGATGATACCTTTCTGGCTTGGAGAAGTTAGAATACCTGCAGGTCGATTACAATT  
 ACATCAGTGTATTGAACCAATGCTTTTGGGAACTGCACATGCTGCAGGTGCTTATCCTCAATGACAA  
 TCTCTTGTGAGGTTACCAACAATCTTTCCGTTTTGTGCCCTTAACGCACTTGGACTTGGGGGGAAC  
 AGGCTGAAACTTCTGCCCTATGTGGGGCTTGTCAACACATGGATAAAGTTGTGGAATTACAGCTGGAGG  
 AAAACCCCTGGAATTGCTCCTGTGAACTAATTTCTCTCAAGGATTGGTTGGACAGCATCTCTACTCAGC  
 CCTTGTGGGCGATGTGGTCTGTGAGACCCCTTCCGTCTACACGGCAGGGATTTGGACGAGGTATCCAAG  
 CAGGAACCTTGTCCAAGGAACTCATTTCTGACTACGAGATGAGGCCACAGACTCCTTTAAGCACCACGG  
 GGTATCTACATACCACCCAGCTTCTGTAACCTCTGTGGCCACTTCTTCTCTGCTGTTTACAAACCCCT  
 CTTGAAGCCTCCTAAGGGACCCGCCAGCCCAACAAACCCAGAGTGCGCCCACTTCTAGGCAGCCCTCT  
 AAAGACTTGGGCTACAGTAACTATGGCCCAAGCATAGCTACCAGACCAATCCCGGTGCTTTTGAAT  
 GTCTACAGCATGTACTGCAACCTGCAGATCTCTGATCTGGGTCTCAATGTCAACTGCCAAGAGCCGCA  
 GATCGAGAGCATCGCGGAGCTGCAGCCCAAGCCCTACAATCCCAAGAAAAATGTACCTGACAGAGAACTAT  
 ATCACTGTTGTGCGCAGAACAGACTTCCCTGGAAGCCACCGGTCTAGACCTCCTGCACCTGGGTAATAACC  
 GCATCTCCATGATCCAGGACCGGCCCTTTGGGATCTAGGCAACCTGAGACGCCTCTATCTGAATGGCAA  
 CAGGATTGAGAGGCTGAGCCAGAATTATTCTATGGCCTGCAGAGCCTGCAGTATCTTCTCCTCCAGTAC  
 AATCTCATCCGTGAGATCCAGGCTGGGACTTTTGATCCCGTCCCAACCTCCAGCTGCTATTCTTGAATA  
 ACAACCAACTGCAGGCCATGCCTCCGGTGTCTTCTGCGCTGACACTTCTCAGGCTGAACCTGAGGGG  
 TAACAGCTTCACTTCTTCCAGTGAGTGGAGTTTGGATCAGCTGACTCCCTCATTCAAATAGATCTA  
 CATGACAACCTTGGGATTGTACCTGCGACGTGGTGGGATGAAGCTGTGGATTGAGCAGCTCAAAGTGG  
 GGGTGTAGTGGACGAAGTATCTGTAAGGCGCCCAAGAAATTCGAGAGACCTACATGCCGTCCATCAA  
 GTCTGAACTGCTATGCCAGACTACTCTGATGTGGTGGTTTCCACGCCACGCCCTTCCATCCAGGTA  
 CCATCCAGGACGAACGCAGCGACTCCAGCTGTGAGGTTGAATAGCACTGGGACCCCGCAGGCTTAGGAG  
 CTGGGACGGGGCATCTCTGTGCCCTTATCCGTGTTGATCCTCAGTCTGCTGCTGGTTTTATCATATGTC  
 CGTCTTTGTGGCAGCAGGCCCTTTTCGTGCTGGTTCATGAAACGGAGGAAAAAGAACCCAGAGCGACCACCC  
 AGTACCAACAATCCGACGTGAGCTCTTCAACATGCAGTACAGCGTGTATGGGGTGGAGGCGCGCGG  
 GGGGTGGCCACCCACACGCACACGTGCACCATCGCGGGCTGCGTGGCCAAAGTGAAGACTCCCGCGG  
 CCACGTGTATGAATACATCCCTCACCCCTGGCCACATGTGCAAGAACCCATCTACCGTCTCGAGAA  
 GGCAATTCGTGGAGGATTACAAAGACCTGCACGAGCTCAAGGTCACTTACAGCAGCAACCACCTGC  
 AGCAGCAGCCGCGCGCCGCGCAACAGCCCGCAGCAGCCCTCCGAGATGCAGATGCAGCTGG  
 GGAGGAGGAGAGGCGGGAAGCCACCATTTGAGGAGCCCGCCTACAGCGTGCAGCCATCGAGCCCGGA  
 GAGGACCTACTGTGCGCGGTGCAGGACGCTGATCGTTTTACAGGGGCATTTTAGAGCCAGACAAACACT  
 GCTCCACTACCCCTGCGGGCAGCAGCTCCAGAAATACCCTAAATCCCATGCAGCCCGGCTGCTTACAC  
 TTTCTCCCAAATATGACCTGCGACGCCCCATCAGTATTTGCACCCGGGTGCAGGGGAGAGCAGGCTG  
 CGGAACCGGTGCTCTACAGCCCTCCGGGTGCTGTCTTTGTAGAACCGAACCGGAACGAGTACCTGGAGT  
 TAAAAGCAAACTCAATGTTGAGCCGACTACCTCGAAGTGTGAAAAACAGACCACATTTAGTCAGTT  
 C**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

|                               |   |
|-------------------------------|---|
| <b>Restriction Sites:</b>     | Sgfl-Mlul   |
| <b>ACCN:</b>                  | NM_198865   |
| <b>Insert Size:</b>           | 2874 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_198865.1</a></u> , <u><a href="#">NP_942565.1</a></u>   |
| <b>RefSeq Size:</b>           | 4829 bp   |
| <b>RefSeq ORF:</b>            | 2874 bp   |
| <b>Locus ID:</b>              | 75409   |
| <b>UniProt ID:</b>            | <u><a href="#">Q810B7</a></u>   |
| <b>Cytogenetics:</b>          | 14 E4   |
| <b>Gene Summary:</b>          | Suppresses neurite outgrowth.[UniProtKB/Swiss-Prot Function]  |