

Product datasheet for **MC220600**

Slitrk1 (NM_199065) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slitrk1 (NM_199065) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slitrk1
Synonyms:	3200001I04Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC220600 representing NM_199065
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCTTTGGATTCTGTTGCTGGAGACGTCTCTTTGTTTTGCCGCTGGAACGTTACAGGGGACGTTT
 GTAAGAGAAGATCTGTTCTTGCAATGAGATAGAAGGGGACTTACACGTAGACTGTGAAAAAAGGGCTT
 CACAAGTCTGCAGCGCTTACC GCCCGACTTCCAGTTTTACCATTTATTTCTGCATGGCAATTCCTC
 ACTCGACTTTTCCCTAATGAGTTCGCTAACTTTTATAATGCGGTTAGTTGCATATGAAAAAATGGCT
 TGCATGAGATCGTTCGGGGGCAATTTCTGGGGCTGCAGCTGGTGAACGGCTGCACATCAACAACAACA
 GATCAAGTCTTTTCGAAAGCAGACTTTTTTGGGGCTGGACGATCTGGAATACCTCCAGGCTGATTTAAT
 TTATTACGGGATATAGACCCGGGGCCCTCCAGGACTTGAACAAGTTGGAAGTCTCATTTTAAACGACA
 ATCTCATCAGCACCTACCTGCTAATGTATTCCAGTATGTGCCATCACCCACCTCGACCTCCGTGGAAA
 CAGGCTGAAAACACTGCCCTATGAGGAGTCTTGGAGCAGATCCCTGGCATTGCCGAGATCTGCTAGAG
 GATAACCTTGGGACTGCACCTGTGATCTGCTCTCCCTGAAGGAATGGCTAGAGAACATCCCAAAAACG
 CCCTAATCGGTGAGTGGTCTGCGAAGCCCCACCAGGCTCCAGGGTAAAGACCTCAATGAAACCACGGA
 ACAGGACTGTGTCTTTAAAAACAGAGTGGATTCTAGTCTCCCGGCTCCCCCTGCCAGGAAGAAACC
 TTCGCTCTGGCCCCCTGCCAATCCTTTCAAGACAAAATGGGCAGGATGAGCATGCTACCCAGGGGCTG
 TTCAAATGGAGGTACAAAGATCCCGGGCAACTGGCAGCTCAAAATCAAACCCACGCCACCGATAGCAAC
 TGGGAGCGCCAGAAACAAACCCAGTGCATGGCTTGCCTGCCCGGGGGCTGCAGCTGTGACCACATC
 CCAGCTCAGGCTTAAAGATGAAGTGAACAACCGGAACGTGAGCAGCTTGGCTGATTTGAAGCCTAAGC
 TTCCAACGTGCAGGAGCTTTTCCTTCGAGATAACAAGATCCATAGCATCCGAAAATCACACTTTGTGGA
 TTACAAGAACCTCATTCTGTTGGATCTGGGCAACAACAACATCGCAAACATAGAGAACAACACTTTCAAG
 AACCTTTTGGACCTCAGGTGGCTCTACATGGATAGTAACTACCTGGACACTCTGTCCCGGAGAAAATTTG
 CTGGGCTGCAGAACCTGGAGTATCTGAATGTGGAGTACAACGCGATTGAGCTCATTCTCCCTGGTACTTT
 CAATGCCATGCCGAAACTGAGGATTCTTATTCTCAACAACAACCTGCTGAGGTCCCTACCGGTGGACGTC
 TTTGCTGGGGTCTCCCTGTCTAAGCTCAGTCTGCACAATAATTACTTTCATGTACCTCCCTGTGGCAGGG
 TGCTGGACCAGTTAACCTCCATCATCCAGATAGACCTGCATGGCAACCCCTGGGAGTGTCTCTGCACCAT
 TGTGCCTTCAAGCAATGGCAGAACGTCTGGGCTCCGAGGTGCTGATGAGCGACCTCAAGTGTGAGACA
 CCGGTGAACCTTTTAGGAAGGATTTTCATGCTGCTCTCCAATGAGGAGATCTGCCCCAGCTGTATGCCA
 GGATCTCGCCACGTTAACTTCGCACAGTAAAAACAGCACTGGGTGGCGGAGACCGGGACACACTCCAA
 CTCTACCTAGACACCAGCAGGGTGTCCATCTCCGTGTTGGTCCCGGGACTGCTGCTGGTGTTCGTCAAC
 TCCGCCTTACCCTGGTGGGCATGCTCGTGTATCTGAGGAACCGAAAGCGGTCCAAGAGAAGGGATG
 CCAATTCCTCTGCGTCCGAAATTAATCCCTACAGACAGTCTGTGACTCTTCTACTGGCACAATGGGCC
 TTACAATGCAGATGGGTCCCATAGGGTGTATGACTGTGGCTCTCACTCACTTTCAGACT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_199065
- Insert Size:** 2091 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_199065.2](#), [NP_951020.1](#)

RefSeq Size: 4266 bp

RefSeq ORF: 2091 bp

Locus ID: 76965

UniProt ID: [Q810C1](#)

Cytogenetics: 14 E3

Gene Summary: It is involved in synaptogenesis and promotes excitatory synapse differentiation (By similarity). Enhances neuronal dendrite outgrowth (PubMed:14550773).[UniProtKB/Swiss-Prot Function]