

## Product datasheet for **MC222026**

### Slitrk6 (NM\_175499) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Slitrk6 (NM_175499) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slitrk6
Synonyms:	4832410J21Rik; Sltk6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC222026 representing NM\_175499  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAAGCTGTGGACTTATCTCCTTTATCCATCTCTTCTTGCTGTCTCTACAGTCCCAGTCACCAA  
 TGCCTCAGTCAGAGGCTCTTGCACACTCTTTGTAATTGTGAGGAGAAAGATGGCATAATGATAATAAA  
 CTGTGAAGAAAAAGGAATCAATAAATTATCCCAAATCAGTGTGCCACCATCACGACCTTTCCACTTAAGT  
 TTATTAATAAATGGCTTGACAATGCTTCACACGAACGACTTTTCTGGACTTACCAATGCCCTTTCAATAC  
 ACCTTGGATTTAACAATATAGCAGACATAGAGACTGGTGCATTTAATGGCCTTGGCTTCTTAAGCAACT  
 TCATATCAATCATAATTCTTTGGAAATCTTAAGAGGATACCTTCCATGGTTTGGAGAACCTGGAATTC  
 TTGCAGGCTGATAAATTTTCATTACGATAATTGAACCAAGTGCCTTCAGCAAGCTCAACAGGCTAAAGG  
 TGTTGATTTTAAATGACAACGCTATTGAGAGTCTTCTCCAAACATATTCGATTTGTTCTTTAACCCA  
 TCTAGATCTTCGTGGGAACCAAGTTGCAACATTGCCTTATGTTGGCTTTTAGAACACATTGGCCGGATA  
 TTGGATCTCCAATTGGAGGACAATAAGTGGGCCTGCAATTGTGAATTGTTGCAGCTAAAAAACTGGCTAG  
 AAAATATGCCTCCACAATCTATAATTGGTGATGTGATATGCTACAGCCCTCCACCTTTCAAAGGGAGTGT  
 ACTGAGTCGCCTGAAAAAGGAATCTTTTGGCCCTACTCCACCAGTATACGAAGAGCATGAGGATCCATCA  
 GGATCTTTGCTGGCCATAACATCTTCAACAAGTGACAGCCGCCTATCAAGCAAGAATACATCCATTTTGA  
 ACAAACCTACCAAAGCACCAGGTTTGATACCATACCTTACAAAGCCATCCACTCAGCTTCCAGTACCTTA  
 TTGTCCTATCCCTTGAATTGCAAAGTTCTCTCCCTTCGGGGCTTCTTATCCACTGTGAGGAGCGCAAT  
 ATAGAAAGCTTGTGAGTCTACAGCTCCTCCACACAACCCTAGAAAGCTGATTCTTGCAGGCAACATCA  
 TTCACACCTTAATGAAGTCTGACCTCACAGACTTTTCACTTTGGAAATGCTTCACTTGGGAAACACCG  
 CATTGAAGTTCTGGAAGAAGGATCGTTTTATGAATCTGACACGACTCCAGAAGCTTTATCTCAATGGCAAT  
 CATCTGACCAAATCAATAAAGGCATGTTCTTGGTCTCCACAGTCTCGAGTATTTGTATCTTGAGTACA  
 ATGCGGTAAGGAAATATTACCAGGGACCTTCAACCCAATGCCTAAACTGAAAGTTCTTTATTTAAATAA  
 CAATCTCCTTCAAGTTTTACCGGCACATATCTTTTAGGTATTCTCTAACTAGAGTAAATCTTAAACA  
 AACCAATCACCCATTTACCTGTAAGCAACATCTTAGATGACCTTGACTTCTGATACAGATTGACCTTG  
 AGGATAACCCCTGGGACTGCTCTTGTGACTTGGTTGGATTGCAGCAATGGATCCACAAGCTTGGCAAGGG  
 CACCATGACTGATGATATCCTCTGCACTCCCCAGGGCATCTTGACAAGAAAGAATTAAGGCCCTCAAC  
 AGTGATCTTCTTGGCCCTGGTTTGTGAAATAATCCTTCCATGCCAACCCAGACTACTTATGTTATTGTCA  
 CTCTCCCACAGTGGCGGCAGATACAGCTAGTACACTTTCAGTTCTCTCACTGATGCTGTGCCCTGTG  
 AGTTCTAATATTAGGACTCCTGATTGTGTTTCAACTATTGTATTCTGTGCCGCGGGGATCGTGGTTTTT  
 GTCCTCCACCGTAGGAGAAGATATAAGAAGAAAAAGTAGAGGAACAACCTGAGAGACAACAGTCTGTAC  
 ACTTGCAGTACAGCATGTATGGTCATAAAACAACCACCATACAACGGAAAGACCCTTCTCTCTCTCTA  
 TGAACAACACATGGTGAGCCCAATGGTTCATGTCTACAGAAGTCCATCCTTTGGTCCAAAGCATTGGAA  
 GAAGTTGAGGAAAGAAATGATAAAGAAGGAAATGATGCAAAACATCTTCAAAGGAGCCTGTTAGAACGAG  
 AAAATCATTCACTCACAGGTTCAAATATGAAATACAAACTACAGACCAATCAACAGATTTTCATATC  
 CTTTCAGGATGCAAGCTTATTATATAGGAACATTTTGGAGAAAGAGAGGGAACCTCAGCAACTTGGCATC  
 ACAGAGTACCTAAGAAAAAATCTTGCTCAGCTCCAGCCAGAGGTGGAGGTTAACTATCCTGGAGCCACG  
 AGGAGCTAAAATTAATGAAACGTTGATGTACTACGACCAAGGAAGGTGTTGGTAGAACAGACTAAAAA  
 TGAATACTTTGAGCTCAAAGCTAACTTGCATGCTGAACCCGACTACTTAGAAGTCTTGGAGCAGCAACA  
**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_175499  
**Insert Size:** 2523 bp

<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a></p>
<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>	<a href="#">NM_175499.4</a> , <a href="#">NP_780708.1</a>
<b>RefSeq Size:</b>	4243 bp
<b>RefSeq ORF:</b>	2523 bp
<b>Locus ID:</b>	239250
<b>UniProt ID:</b>	<a href="#">Q8C110</a>
<b>Cytogenetics:</b>	14 E3
<b>Gene Summary:</b>	Regulator of neurite outgrowth required for normal hearing and vision.[UniProtKB/Swiss-Prot Function]