

Product datasheet for **RN215084**

Slitrk4 (NM_001106947) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slitrk4 (NM_001106947) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slitrk4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215084 representing NM_001106947
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTTCTTTGGCTCTTTCTGATTGTGTCAGCCCTGATTTCTTCGACAAATGCAGATTCTGACATATCAG
 TGGAAATTTGCAATGTGTGTTCCCTGCGTGTCAAGTAAAGTGTGCTCTATGTCAACTGTGAGAAGGTTTC
 AGTCTACAGACCAAACCAGCTGAAACCCTTGGTCTAATTTTTATCATCTGAATTTCCAAAAAATTTT
 TAAATATCCTCTACCCGAATACATTCTGGAATTTTCTCATGCAGTATCTCTGCATCTGGGAAATAATA
 AGCTGCAGAACATTGAGGGTGGAGCATTCTCGGGCTCAGTGCATTAAGCAGTTGCACTTGAACAACAA
 TGAATTAAGATTCTCCGAGCTGACACTTTCTTGGCATAGAGAAGTGGAGTATCTCCAGGCTGACTAC
 AATTTAATCAAGTATATTGAACGAGGAGCCTTCAATAAGCTCCACAACTGAAAGTTCTCATTCTTAATG
 ACAATCTGATTTTCTTCTGATAATTTTTCGATTGCGATCTTTAACCCATCTGGATATACGAGG
 AAACAGAAATCCAGAACTTCCCTATATTGGAGTGTAGAACACATTGGCCGGGTTGTTGAGTTGCAGCTG
 GAAGATAATCCTTGAAGCTGTAGCTGTGATTTGTGCCTCTAAAGGCTTGGTTGGAGAATATGCCATATA
 ACATTTACATAGGGGAAGCTATTTGTGAAACTCCCAGTGACTTATATGGGAGGCTTTTAAAGGAAACCAA
 CAAACAAGAACTATGCCCATGGGCACAGGGAGTGACTTTGACGTGCGCATTCTGCCTCCATCTCAACTG
 GAGAATGGCTTTACCACTCCCAATGGTCACTACTCAGACAACCTTGCACAGATTAGTGACCAAACCCAC
 CAAAAACAACAAATCCTTCCAAATCTCTGGAATTGTGGCAGGCAAAAGCCCTCTCCAACAGAAATCTCAG
 TCAGATTGTGTCGATCAAACAAGAGTGCCTCTTACACCTTGCCAGCACCTTGCTTTTGCAAAACA
 CATCCTTCTGATTTGGGTTAAGTGTGAATTGCCAAGAGAAAAATACAGTCCATGTGAATTGACCC
 CCAAACCTTAAATGCCAAGAAGTTGCATGTCAATGGTAATAACATCAAAGATGTGGACATTTGAGACT
 CACTGAGTTTGAAGGACTGGATTTGCTCCATTTAGGCAGCAATCAGATTACAGCAATCAAAGGAGAAGTA
 TTCACAATCTTACTAATCTACGAGGCTTTATCTCAATGGCAATCAGATCGAAAGGCTGTACCCTGAAA
 TATTTTACAGCCTTCATAACTTGCAAGTATTTGATTTGGAATACAACCTGATTAAGGAAATATTAGCAGG
 CACCTTTGACTCCCTGCCAATTTGAGCTACTGTACTTGAACAACAATCTCTTAAAGAGCCTGCCAGTT
 TACATCTTTCCGGAGCACCTCTTGTAGACTGAACTGAGAAACAACAATTCATGTACCTACCTGTCA
 GCGGAGTCTTGCATCAGTTGCAGTCTTACACAAATTGACTTGGAGGGCAACCTTGGGATTGCACTTG
 TGACTTGGTAGCATTAAAGTTGTGGCTGGAGAAGTTAAATGATGGGATTGTTGTGAAAGAAGTAAATGT
 GAAACTCTGTTCAGTTTCCAACATTGAATTGAAGTCCCTCAAAATGAAATCTTATGCTCTAACTCT
 TAAACAAGCCATCTGCACCATCACAAGCCTGCGCCTGCAATTACATTAAACACTCCGTTGGGTCTCTAT
 TCGAAGTCTCTGGGGGCCAGTGCCTCTGTCTATTTAATTTAAGTATCCTGGTGGTCTCATTTTA
 ACTGTCTTTGTTGCATTTTGCCTTCTTGTTTTGTGCTGAGACGCAACAAGAAACCCACAGTGAAGCACG
 AAGGTCTGGGGAATCCAGAGTGTGGCTCCATGCAGCTGCAACTGAGGAAACATGACCACAAAACCAATAA
 AAAAGACGGACTGAGCACAGAAGCATTCCACAAACCATCGAACAGATGAGCAAAAGTACACCTGT
 GGCCTGAAAGAGTCAGAACTGGGTTTATGTTTTAGATCCTCCGGGACAGAAGGTCATGATGAGAAGTG
 CTGCTGACAAGGACAAAGATTTACTGCATGTGGATACCAGGAAGAGACTGAGCACAATTGATGAGCTGGA
 CGAACTATCCCTAGCAGAGATCCAATGTGTTTATTGAAATTTCTGGAAAGCAAAAAGGAATAAACA
 AGCATTGGTGTGAGTGGCTTTGAGATTCCGCTATCCTGAAAAACAAGATAAGAAAAACAAGAACACTGA
 TAGGAGGTAACCCAGTAAATCGTCGTGGAACAAGAAAGAGTGAATTTTGAAGTGAAGGCAAACT
 TCAGAGTCCCCCGACTACCTACAGTTCTTGAGGAGCAAAACAGCTTTGAACAAGAT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106947
Insert Size: 2511 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:	<ol style="list-style-type: none">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:	<u>NM_001106947.1</u> , <u>NP_001100417.1</u>
RefSeq Size:	3964 bp
RefSeq ORF:	2511 bp
Locus ID:	302473
Cytogenetics:	Xq36