

## Product datasheet for RN202098

### Slk (NM\_019349) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Slk (NM\_019349) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Slk  
**Synonyms:** Stk2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN202098 representing NM\_019349  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTCCTTCTCAATTTCCGTAAGATCTTCAAGTTGGGGAGCGAGAAGAAGAAGAACAGTACGAACACG  
TGAAGAGAGACCTGAACCCGAGGAGTTTTGGGAGATTATCGGAGAGCTGGCGACGGAGCCTTTGGGAA  
AGTGTATAAGGCCAGAATAAGGAGACCAATGTTTTAGCTGCTGCAAAGGTGATTGACACCAATCTGAA  
GAAGAAGTGAAGATTATATGGTTGAGATTGACATATTAGCATCTTGTGATCACCCAAACATAGTCAAGC  
TTCTAGATGCCTTCTATTATGAGAACAATCTTTGGATCCTCATTGAATTTTGTGACAGGGGAGCAGTAGA  
TGCCGTGATGCTTGAAGTGGAGAGACCATTAACTGAGTCCCAAATTCAGTAGTTTGAAGCAGACATTA  
GAGGCGTTGAATTACCTACATGACAATAAAATCATCCACAGAGATCTAAAAGCTGGCAATATTCTCTTTA  
CCTTAGATGGAGACATTAATAGCGGATTTGGAGTGTGAGCTAAGAATACCAGGACAATCAAAGGAG  
GGATTCATTTATTGGCACACCGTATTGGATGGCTCCTGAAGTCGTCATGTGTGAGACATCGAAGGACAGA  
CCCTATGACTACAAAGCGGACGTTTGGTCCCTGGGAATCACTTAAAGAAATGGCTGAGATAGAGCCGC  
CTCATCATGAGCTAAACCCAATGCGAGTGTGCTGAAAAATAGCAAAGTCGGAGCCCCACACTAGCACA  
GCCATCCAGATGGTCTTCAAATTTAAGGACTTTCTAAAGAAATGCTTGGAAAAGAATGTGGATGCGCGG  
TGGACCACATCCCAGCTGTTACAGCATCCCTTTGTTACCGTTGATTCCAACAAACAGTCCGAGAATTGA  
TTGCTGAGGCGAAGGCTGAAGTAAACAGAAGAAGTTGAAGATGGCAAAGAGGAAGTACGATGATGAGAC  
AGAGAGTGTCTGCCAATACCTGCGAATAAACGCGCCTCCTGACCTCAGCATTGCCAGCTCTGAGGAA  
GATAAGCTTTCACAAAATGCTTGTATTTTGAATCTGTGTGAGAAAGAACAACAACAATACTTCTGGGG  
ATAAATTTAGCAACAAAGTCTTAGTGAGAAGCCTACTCCTGAGGGACCTGAGAAGACTGTGGATGTGGA  
TGGCCTGCAAAATGATGTTAACTTAGAAACTGTGGCTGAACCAAATGACCAAGCGGTAGGATTCATGAG  
AATGGGAGAGAGAAGAAAAGACCCCAACTGAAAGTCAACAGATACAGAAGACCAACAACTGTGGATG  
TTAATTTAGTCGGTGAAGGAAATGACAGCAATATAGTAATTTTAGAAACAAACACTGATTGTCTGAAACC  
AGAGGAAGACAGAAATGAAGAAAACCAAGAGATAATTGAGAATAAACTTACACAATCTGAAGAAATTA  
GATATACATATTCAAACAATGGACTTAGTTTCTCAAGAACTGGAGAAAAAGAGGACAGATTTTCAGGCAA



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TTGACAATGAAGTTGGGTTTACAAAGGAAGAAACCCAAGAGAAATTTGGGAAAAGATGATAAACTCACAA  
 AGTTGTGATCAGTGATATAACCAAGTGAAGTGGGAACAGACGAGCCTCCAGGTGATACCCAGAAGTCTGCT  
 GAGCAGAGCCAGGATGCAGAGGGTGGGGCTGGGGAAGAAGCCCCGGAGCCTGCCAGACACTAACAGAGA  
 AGGCCACTGAGGGCCCTGAGGCTCATGGTGCTGAGGAAGAGCCTCGTAGTGAGAGAGAGTAGAGGATAA  
 GCAGCTAGAGCAGCAGTCTGCAGTGTGTGAAGTGAGGGACAGGTAACCAAGCAGTTCAGAGAGCACACGG  
 GCAACCACGGAGGAACCAGAGACTGACGAAGTTGACCAAGTCAGCGAGTCAAATAGCATTGAGGAAGTGA  
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 GCCAGCGAACCTCCCCCTGTCTTAATACCCAGTATTAATATTCATTTCGAAAAACACAGAAAAATAAGGAG  
 AAATGGGTGCTTTGCCAAAACCTGAAACCATACTGCCACCAGAGCCTGAAAATGGAAAGGAAAATGACAC  
 GGACTCAGGGACTGGGTCCACTGTGGAGAACAGCAGCAGTGACCTGAACTTGCCATCTCTAGTTCCCTG  
 AGCAAAACCAAGGACAGTGGCTCGGTGTCTCTGCAGGAGACAAGAAGACAGAAGAAAACATTGAAGAAAA  
 CACGTAATTTTATTGTTGATGGAGTAGAAGTGAGTGTGACAACATCAAAGATAGTTACAGACAGCGACTC  
 TAAAACCGAGGAATTGAGTTTCTCAGGCGTCAGGAACCTCGAGAGCTAAGGCTTCTCCAGAAGGAAGAG  
 CAGAAAGCCCAGCAGCAGCTCAACGGGAAATTGCAGCAGCAGCGGAGCAGATCTTCAGGCGCTTTGAGC  
 AGGAGATGCTGAGTAAGAAGCGACAATATGACCAAGAAATTTGAGAATCTAGAGAAGCAGCAGAAACAGAC  
 AATTGAACGACTAGAACAGAACACACAAACCGCCTGAGAGACGAAGCTAAGCGCATCAAAGGAGAGCAG  
 GAGAAGGAGCTGTCCAAATTCAGAATATGCTAAGAAAACCGAAAAGGAGGAACAAGAATTTGTTCCAGA  
 AGCAACAGCAAGAGTTAGACGGCCTCTGAAAAAGATCATCCAGCAGCAGAAGGCAGAGTTGGCCAAATAT  
 TGAGAGAGAGTGCTTGAATAACAAGCAGCAGCTCCTGAGAGCCCCGAGAAGCTGCAATTTGGGAGCTTGA  
 GAACGACATTTACAAGAAAAGCACCAGCTGCTTAACAGCAACTTAAAGATCAGTATTTTCATACAGAGAC  
 ATCAGCTGCTTAAACGCCATGAGAAGGAAACAGAACTGCAGCGTTACAATCAACGACTTATTGAAGA  
 ATTGAAGAACAGACAGACTCAGGAACGAGCTAGACTGCCAAGATTCAGAGAAGTGAAGCCAAGACACGA  
 ATGGCCATGTTTTAAAAAAGTTTGAGGATTAACCTCAACAGCTACACCAGACCCAGGACCGTAAAAAATTA  
 AACAGTTTGCTGCACAGGAAGAAAAGAGACAGAAAAATGAGAGAATGGCTCAGCATCAAAAAACATGAGAG  
 TCAGATGCGGGACCTTCAGTTGCAGTGTGAAGCCAACGTCGAGAGCTGCACCAGCTGCAGAATGAAAAA  
 TGCCACCTGTTGGTTGAACATGAGACTCAGAACTGAAGGAGTTAGATGAGGAGCACAGCCAAGAGCTCA  
 AGGAGTGGAGAGAGAAGCTGAGGCCAGGAAGAAGACTGGAGGAAGAGTTTCCAGGAAACTTCAGGA  
 ACAGGAAGTGTCTTTAAAATGACCGGGGAGTCCGAATGCCTCAACCCCTCAGCGCAGAGCCGGATCTCC  
 AAATTCTACCCTATCCACCTTACATTCCACTGGGTCA TAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-Mlul

**ACCN:**

NM\_019349

**Insert Size:**

3612 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\\_019349.2](#), [NP\\_062222.2](#)

**RefSeq Size:** 3796 bp

**RefSeq ORF:** 3612 bp

**Locus ID:** 54308

**UniProt ID:** [O08815](#)

**Cytogenetics:** 1q54

**Gene Summary:** putative serine/threonine protein kinase [RGD, Feb 2006]