

## Product datasheet for MC224010

### Slk (NM\_009289) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Slk (NM_009289) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slk
Synonyms:	9A2; AV021402; AW411554; Etk4; mKIAA0204; mSLK; SMAK; Stk2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224010 representing NM_009289 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTCCTTCTCAATTTCCGTAAGATCTTCAAGTTGGGGAGCGAGAAGAAGAAGAACAGTACGAACACG  
TGAAGAGAGACCTGAACCCGAAGAGTTTTGGGAGATTATTGGAGAACTGGCGACGGAGCCTTCGGGAA  
AGTCTATAAGGCCAGAATAAAGAGACCAATGTTTTAGCTGCTGCAAAGGTGATTGACACCAATCTGAA  
GAAGAGCTTGAAGATTATATGGTTGAGATTGACATATTAGCATCTTGTGATCACCCAAACATCGTCAAGC  
TTCTAGATGCCTTCTATTACGAGAACAACCTTTGGATCCTCATTGAATCTGTGCAAGGGGAGCAGTGGAA  
TGCTGTGATGCTTGAACCTTGAGAGACCATTAACTGAATCCCAATCCAAGTAGTCTGCAAGCAGACATTA  
GAGGCATTGAATTACTTACATGACAATAAAATCATCCACCGAGATCTAAAAGCTGGCAATATTCTCTTTA  
CCTTAGATGGAGACATTAATAGCGGATTTGGAGTATCAGCTAAAAATACCAGGACAATCAAAGGAG  
GGATTCATTTATTGGCACACCATATTGGATGGCTCCTGAAGTAGTCATGTGTGAGACATCAAAGGACAGA  
CCTTATGACTACAAAGCTGATGTTTGGTCCCTGGGTATTACTTTAATAGAAATGGCTGAGATAGACCAC  
CTCATCATGAGTTAAATCCAATGCGCGTGTGCTGAAAATGCAAAATCTGAGCCCCAACATTAGCACA  
GCCATCAAAATGGTCTTCAAATTTAAGGACTTTCTAAGGAAATGCTTGGAAAAGAATGTGGATGCGCGG  
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GATAAACTTTACAAAATGCTTGTATTTTGAATCTGTGTGAGAAAGAACAAGCAAAAGTACTTCTGAGG  
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TGCAAGTGATGTGAACCTAGAACTGGGCTGAACTAAATGACCAACAGTAGGAATCCATGAGAATGGG  
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CAGTCAGTGAAGAAAATGAGAATAATAGAGTAACTTTAGAAACGAACACTGATTGTCTGAAACCAGAGGA  
AGACAGAAAATAAAGAAAACCAAGAGACACTTGAGAGTAACTTATACAATCTGAAGAAAATTAATGACACA  
CATATTCAAACAATGGACTTAGTTTCTCAAGAGACTGGAGAAAAGAAGCAGATTTTCAGGCAGTTGACA



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ATGAAGTTGGGCTTACAAAGGAAGAAACCAAGAGAAATTAGGAAAAGATGGTACAGCTCAAAAAGTTAT  
AACCAGTGATAGAAGCAGTGAGGTGGGGACAGACGAGGCTCTAGATGACACTCAGAAGGCTGCTGAGCTC  
AGTAAGGCAGCACAGAGTGGGGAAGGGGACGAAGCCCTGGCGCCTACCCAGACACTAGCAGAGAAGCCCA  
CAGAGGGCCCTGAGGCCGGTGGGGCTGAGGAAGAGCCTCCTGGTGGAGAGAGAGTTGAGGATAAACAGCC  
AGAGCAGCAGCCTGCAGTGTGTGAAGCTGAGGGACAGTTAACCAGCACGTGAGAGACCACCGGCAACC  
CTGGAGCAACCGGAGACGGATGAAGTTGAGCAGGTCAGCGAGTCCAATAGCATTGAGGAGCTAGAGAGAC  
TTGTAGTTACTGGTCTGAGGCACGGGCTCTCGGGAGTGAAGGTGAGGCAGCTACTGAGGTAGATTT  
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TGGGTGCTTTGCCAAAACCTGAAACCATACTGCCACCAGAGCCTGAACATGAAAAGGGAAAATGACACCGA  
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GCAAGTTTATTGTCGATGGTGTAGAAGTGAAGTGTGACGACATCGAAGATAGTTACAGACAGCGACTCCAA  
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CGAGCCCAGCAGCAGCTCAATGGGAACTGCAGCAGCAGCGGGAGCAGATCTTCAGGCGCTTTGAGCAGG  
AGATGCTGAGTAAGAAGCGACAATATGACCAAGAAATTGAGAATTTAGAGAAGCAGCAGAAAACAGACAAT  
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GGAACAAGAAATTTGTTGAGAAGCAACAAGAGTTAGATGGTTCTCTGAAAAAGATTATCCAGCAGCAG  
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TCAGTATTTTCATGCAGAGACATCAGCTGCTAAAACGCCATGAGAAGGAAACAGAACAATGCAGCGCTAC  
AATCAACGACTTATTGAAGAAGTAAAAACAGACAGACTCAGGAACGAGCGAGACTGCCCAAGATTCAAA  
GAAGTGAAGCCAAGACACGAATGGCCATGTTTTAAAAAAGTTTGAGGATCAACTCAACAGCCACACCAGA  
CCAGGACCGTGAAAAAATTAACAGTTTGTGCAACAAGAAGAAAAGAGACAGAAAATGAGAGAATGGCT  
CAGCATCAAAAACATGAGAGCCAAATGCGGGATCTTCAGTTGCAGTGTGAAGCCAATGTTGCGGAACTGC  
ACCAGTGCAGAAATGAAAAATGCCACCTGTTGGTTGAACATGAGACTCAGAAGCTGAAGGAGTTGGATGA  
GGAGCACAGCCAAGAGCTGAAGGAGTGGAGAGAGAAGCTGAGACCAGGAAGAAGACTGGAAGAAGAG  
TTTGCCAGGAACTGCAGGAACAGGAAGTGTCTTTAAAATGACTGGGGAGTCCGAATGTCTTAATCCAT  
CAGCACAGAGCCGGATCTCTAAATTCTACCCTATCCACCTTACATTCCACTGGGTCA TAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_009289

**Insert Size:** 3702 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\\_009289.3](#), [NP\\_033315.2](#)

**RefSeq Size:** 7047 bp

**RefSeq ORF:** 3702 bp

**Locus ID:** 20874

**UniProt ID:** [O54988](#)

**Cytogenetics:** 19 C3- D1

**Gene Summary:** Mediates apoptosis and actin stress fiber dissolution.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).