OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC223914

Slk (NM_001164639) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slk (NM_001164639) 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:	>MC223914 representing NM_001164639 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGTCCTTCTTCAATTTCCGTAAGATCTTCAAGTTGGGGAGCGAGAAGAAGAAGAAACAGTACGAACACG TGAAGAGAGACCTGAACCCCGAAGAGTTTTGGGAGATTATTGGAGAACTGGGCGACGGAGCCTTCGGGAA AGTCTATAAGGCCCAGAATAAAGAGACCAATGTTTTAGCTGCTGCAAAGGTGATTGACACCAAATCTGAA GAAGAGCTTGAAGATTATATGGTTGAGATTGACATATTAGCATCTTGTGATCACCCAAACATCGTCAAGC TTCTAGATGCCTTCTATTACGAGAACAACCTTTGGATCCTCATTGAATTCTGTGCAGGGGGAGCAGTGGA TGCTGTGATGCTTGAACTTGAGAGACCATTAACTGAATCCCAAATCCAAGTAGTCTGCAAGCAGACATTA GAGGCATTGAATTACTTACATGACAATAAAATCATCCACCGAGATCTAAAAGCTGGCAATATTCTCTTTA CCTTAGATGGAGACATTAAATTAGCGGATTTTGGAGTATCAGCTAAAAATACCAGGACAATTCAAAGGAG GGATTCATTTATTGGCACACCATATTGGATGGCTCCTGAAGTAGTCATGTGTGAGACATCAAAGGACAGA CCTTATGACTACAAAGCTGATGTTTGGTCCCTGGGTATTACTTTAATAGAAATGGCTGAGATAGAGCCAC CTCATCATGAGTTAAATCCAATGCGCGTGCTGCTGAAAATTGCAAAATCTGAGCCCCCAACATTAGCACA GCCATCAAAATGGTCTTCAAATTTTAAGGACTTTCTAAGGAAATGCTTGGAAAAGAATGTGGATGCGCGG TGGACCACGTCTCAGCTGTTGCAGCATCCCTTTGTTACCGTTGATTCCAACAAACCAGTCCGAGAGTTGA TTGCTGAGGCAAAGGCTGAAGTAACAGAAGAAGTTGAAGATGGCAAGGAAGAAGATGAGGAGGAGGAAGC AGAGAATGCTCTGCCAATACCTGCAAATAAACGTGCCTCCTCTGACCTCAGCATTGCCAGCTCTGAAGAA GATAAACTTTCACAAAATGCTTGTATTTTGGAATCTGTGTCAGAAAGAACAGAACAAAGTACTTCTGAGG ATAAATTTAGCAACAAAATTCTTAATGAGAAACCTACGACTGACGGTCCTGAGAAGGCTGTGGATGAGCA TGCAAGTGATGTGAACTTAGAAACTGGGGCTGAACTAAATGACCAAACAGTAGGAATCCATGAGAATGGG AGAGAGAAGAAAAGACCCAAGCTGGAAAATCTGCCAGATACACAAGACCAGCAAACTGTGGATGTTAATT CAGTCAGTGAAGAAAATGAGAATAATAGAGTAACTTTAGAAACGAACACTGATTGTCTGAAACCAGAGGA AGACAGAAATAAAGAAAACCAAGAGACACTTGAGAGTAAACTTATACAATCTGAAGAAATTAATGACACA CATATTCAAACAATGGACTTAGTTTCTCAAGAGACTGGAGAAAAAGAAGCAGATTTTCAGGCAGTTGACA

View online »

ATGAAGTTGGGCTTACAAAGGAAGAAACCCAAGAGAAATTAGGAAAAGATGGTACAGCTCAAAAAGTTAT
AACCAGTGATAGAAGCAGTGAGGTGGGGACAGACGAGGCTCTAGATGACACTCAGAAGGCTGCTGAGCTC
AGTAAGGCAGCACAGAGTGGGGAAGGGGACGAAGCCCTGGCGCCTACCCAGACACTAGCAGAGAAGCCCA
CAGAGGGCCCTGAGGCCGGTGGGGCTGAGGAAGAGCCTCCTGGTGGAGAGAGAGTTGAGGATAAACAGCC
AGAGCAGCAGCCTGCAGTGTGTGAAGCTGAGGGACAGTTAACCAGCACGTCAGAGACCACACGGGCAACC
CTGGAGCAACCGGAGACGGATGAAGTTGAGCAGGTCAGCGAGTCCAATAGCATTGAGGAGCTAGAGAGAC
TTGTAGTTACTGGTGCTGAGGCACGGGCTCTCGGGAGTGAAGGTGAGGCAGCTGCTACTGAGGTAGATTT
GGAGAGAAAAGAAAACGCACAGAAAGTGCCCGTTAAAGCAGAGTCCCAAGCTCCTGCAGCATCGCAGCCC
AGCGAGCCTCACCCTGTCTTAATACCCAGTATTAATATTAATTCTGAAACCACAGAAAATAAAGAAGAAA
TGGGTGCTTTGCCAAAACCTGAAACCATACTGCCACCAGAGCCTGAACATGAAAAGGGAAATGACACCGA
CTCAGGGACTGGGTCCACTGTGGAGAATAGCAGTGGTGACCTGAACTTGTCCATCTCTAGCTTCCTAAGC
AAAGCTAAGGACAGCGGCTCAGTGTCTCTGCAGGAGACAAGAAGACAGAAGAAAACATTGAAGAAAACAC
GCAAGTTTATTGTCGATGGTGTAGAAGTGAGTGTGACGACATCGAAGATAGTTACAGACAGCGACTCCAA
AACGGAGGAACTGCGCTTTCTCAGGCGTCAGGAACTTCGGGAGCTGAGGCTTCTTCAGAAGGAGGAGCAG
CGAGCCCAGCAGCAGCTCAATGGGAAACTGCAGCAGCAGCGGGAGCAGATCTTCAGGCGCTTTGAGCAGG
AGATGCTGAGTAAGAAGCGACAATATGACCAAGAAATTGAGAATTTAGAGAAGCAGCAGAAACAGACAAT
TGAACGGCTAGAACAAGAGCACACTAACCGCCTGAGAGACGAAGCCAAGCGCATCAAAGGAGAGCAGGAG
AAGGAGCTGTCCAAGTTCCAGAATGTGCTGAAAAACCGCAAGAAGGAGGAACAAGAATTTGTTCAGAAGC
AACAACAAGAGTTAGATGGTTCTCTGAAAAAGATTATCCAGCAGCAGAAGGCAGAGTTGGCCAATATTGA
GAGAGAATGCCTGAATAACAAGCAGCAGCTCATGAGAGCTCGAGAAGCCGCAATTTGGGAGCTTGAAGAG
CGACATTTACAAGAGAAGCACCAGCTGCTTAAACAGCAGCTTAAAGATCAGTATTTCATGCAGAGACATC
AGCTGCTAAAACGCCATGAGAAGGAAACAGAACAAATGCAGCGCTACAATCAACGACTTATTGAAGAACT
GAAAAACAGACAGACTCAGGAACGAGCGAGACTGCCCAAGATTCAAAGAAGTGAAGCCAAGACACGAATG
GCCATGTTTAAAAAAAGTTTGAGGATCAACTCAACAGCCACACCAGACCAGGACCGTGAAAAAATTAAAC
AGTTTGCTGCACAAGAAGAAAAGAGACAGAAAAATGAGAGAATGGCTCAGCATCAAAAACATGAGAGCCA
AATGCGGGATCTTCAGTTGCAGTGTGAAGCCAATGTTCGGGAACTGCACCAGCTGCAGAATGAAAAATGC
CACCTGTTGGTTGAACATGAGACTCAGAAGCTGAAGGAGTTGGATGAGGAGCACAGCCAAGAGCTGAAGG
AGTGGAGAGAGAAGCTGAGACCCAGGAAGAAGACACTGGAAGAAGAGTTTGCCAGGAAACTGCAGGAACA
GGAAGTGTTCTTTAAAATGACTGGGGAGTCCGAATGTCTTAATCCATCAGCACAGAGCCGGATCTCTAAA
TTCTACCCTATTCCCACCTTACATTCCACTGGGTCATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001164639

Insert Size: 3609 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_001164639.1, NP_001158111.1
RefSeq Size:	6954 bp
RefSeq ORF:	3609 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 (2) lacks an alternate exon in the coding region compared to variant 1. The resulting protein (isoform 2) is shorter but has the same N- and C-termini compared to isoform 1.