

Product datasheet for **SC318561**

SLK (NM_014720) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLK (NM_014720) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLK
Synonyms:	bA16H23.1; LOSK; se20-9; STK2
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_014720, the custom clone sequence may differ by one or more nucleotides

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ATGTCCTTCTCAATTTCCGTAAGATCTTCAAGTTGGGGAGCGAGAAGAAGAAGAAGCAG
TACGAACACGTGAAGAGGGACCTGAACCCGAAGACTTTTGGGAGATTATAGGAGAACTG
GGCGACGGAGCCTTTGGGAAAGTGTACAAGGCCAGAATAAAGAGACCAGTGTTTTAGCT
GCTGCAAAAGTGATTGACACTAAATCTGAAGAAGAACTGAAGATTACATGGTAGAGATT
GACATATTAGCATCTTGTGATCACCCAAATATAGTCAAGCTTCTAGATGCCTTCTATTAT
GAGAACAATCTTTGGATCCTCATTGAATTTTGTGCAGGTGGAGCAGTAGATGCTGTGATG
CTTGAAGTTGAGAGACCATTAAGTGAAGTCCCAATACAAGTAGTTTGAAGCAGACTTTA
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ATTCTCTTACCTTAGATGGAGATATCAAATTGGCGGATTTTGGAGTATCAGCTAAAAAC
ACGAGGACAATTCAAAGAAGAGATTCTTTATTGGTACACCATATTGGATGGCTCCTGAA
GTAGTCATGTGTGAAACATCTAAGGACAGACCCTATGACTACAAAGCTGATGTTTGGTCC
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TGGTCTTCAAATTTAAGGACTTTCTAAAGAAATGCTTAGAAAAGAATGTGGATGCCAGG
TGGACTACATCTCAGCTGCTGCAGCATCCCTTTGTTACTGTTGATTCACAAACCCATC
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GAAGATGAAGAGGAGGAAACAGAAAATTCTCTGCCAATACCTGCAAGTAAGCGTGATCT
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ATTACCGATGCTCAGTTAGAAGCAATGACTGAACTCCATGACAGAACAGCAGTAATCAAG
GAGAATGAAAGAGAGAAGAGGCCAAGCTTGAAGTCTGCCTGACACAGAAGACCAAGAA
ACTGTGGACATTAATTCAGTCAGTGAAGGAAAAGAGAATAATATAATGATAACCTTAGAA
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GTGATCAGCAATACAAGTGTGATAGGAACATGTGAGGCAGCAGATGTGGCTCAGAAA
GTGGATGAAGACAGTGTGAGGATACGCAGAGTAATGATGGGAAAAGAAGTGGTCAAGTA

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GGCCAGAAATTAATTAATAAGCCCATGGTGGGTCTGAGGCTGGTGGTACTAAGGAAGTT
 CCTATTAAGAAATAGTTGAAATGAATGAAATAGAAGAAGGTAATAAAGGAACAAGCA
 ATAAACAGTTTCAGAGAACATAATGGACATCAATGAGGAACCAGGAACAACCTGAAGGTGAA
 GAAATCACTGAGTCAAGTAGCACTGAAGAAATGGAGGTCAGAAGTGTGGTGGCTGATACT
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 GAAGAATTGCGGTTTCTTAGACGTCAGGAACCTCGGGAATTAAGATTTCTCAGAAAGAA
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 CGCGCTTTGAGCAGGAAATGATGAGTAAAAGCGACAATATGACCAGGAAATGAGAAT
 CTAGAAAAACAGCAGAAACAGACTATCGAACGCCTGGAACAAGAGCACACAATCGCTTG
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 AGAAAAGAGCTCATGAAACGCAGGAAAGAGGAGCTTGCACAAAGCCAGCATGCTCAGGAA
 CAAGAGTTTGTTCAGAAACAACAGCAAGAATTAGATGGCTCTCTGAAAAAGATCATCCAG
 CAGCAGAAGGCAGAGTTAGCTAATTTGAGAGAGAGTGCCTGAATAACAAGCAACAGCTC
 ATGAGAGCTCGAGAAGCTGCAATTTGGGAGCTCGAAGAACGACACTTACAAGAAAAACAC
 CAGCTGCTCAAAACAGCAGCTTAAAGATCAGTATTTTCATGCAAAGACATCAGCTACTTAAG
 CGCCACGAGAAGGAAACAGAGCAAATGACAGCTTACAATCAAAGACTTATTGAGGAATTG
 AAAAACAGACAGACTCAAGAAAGAGCAAGACTGCCCAAGATTCAGCGCAGTGAAGCCAAG
 ACTCGAATGGCCATGTTTAAAGAGTTTGAAGTAACTCAACAGCCACACCAGATCAG
 GACCGTGATAAAATTAACAGTTTGTGCAACAAGAAGAAAGAGGCAGAAAAATGAGAGA
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 AATGTCCGCAACTGCATCAGCTGCAGAATGAAAAATGCCACTTGTGGTTGAGCATGAG
 ACTCAGAACTGAAGGAGTTAGATGAGGAACATAGCCAAGAATTAAGGAGTGGAGAGAG
 AAATTGAGACCTAGGAAAAGACTGGAAGAAGAGTTTCCAGGAACTACAGGAACAG
 GAAGTATTCTTTAAATGACTGGGAGTCTGAATGCCTTAACCCATCAACACAGAGCCGG
 ATTTCAAATTTTATCCTATTCCAGCTTGCATTCCACCGGATCA

- Restriction Sites:** Please inquire
- ACCN:** NM_014720
- 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).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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_014720.2, NP_055535.2</u>
RefSeq Size:	5629 bp
RefSeq ORF:	3708 bp
Locus ID:	9748
UniProt ID:	<u>Q9H2G2</u>
Cytogenetics:	10q24.33-q25.1
Domains:	pkinese
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	Oocyte meiosis
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). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.