

## Product datasheet for **SC320215**

### CLK3 (NM\_003992) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CLK3 (NM_003992) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLK3
Synonyms:	PHCLK3; PHCLK3/152
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_003992.1  
 CTAGCTGCAGCCGGAGCCTGGGAGACGATGCATCACTGTAAGCGATACCGCTCCCCTGAA  
 CCAGACCCGTACCTGAGCTACCGATGGAAGAGGAGGAGGTCTACAGTCGGGAACATGAA  
 GGGAGACTGCGATACCCGTCCCGAAGGGAGCCTCCCCACGAAGATCTCGGTCCAGAAGC  
 CATGACCCCTGCCCTACCAGAGGAGGTACCGGAGCGCCGTGACAGCGATACATACCGG  
 TGTGAAGAGCGGAGCCCATCCTTTGGAGAGGACTACTATGGACCTTACGTTTCTCGTCAT  
 CGTCGGCGATCGCGGGAGAGGGGCCATACCGGACCCGCAAGCATGCCACCACCTGCCAC  
 AAACGCCGCACCAGGTCTTGTAGCAGCGCTCCTCGAGAAGCCAACAGAGCAGTAAGCGC  
 AGCAGCCGGAGTGTGGAAGATGACAAGGAGGGTACCTGGTGTGCCGGATCGGCGATTGG  
 CTCCAAGAGCGATATGAGATTGTGGGAACCTGGGTGAAGGCACCTTTGGCAAGTGGTG  
 GAGTGCTTGGACCATGCCAGAGGGAAGTCTCAGGTTGCCCTGAAGATCATCCGCAACGTG  
 GGCAAGTACCGGGAGGCTGCCCGCTAGAAATCAACGTGCTCAAAAAAATCAAGGAGAAG  
 GACAAAGAAAACAAGTTCCTGTGTCTTGTATGTCTGACTGGTCAACTCCACGGTCAC  
 ATGTGCATCGCCTTTGAGCTCCTGGGCAAGAACACCTTTGAGTTCCTGAAGGAGAATAAC  
 TTCCAGCCTTACCCCTACCACATGTCCGGCACATGGCCTACCAGCTCTGCCACGCCCTT  
 AGATTTCTGCATGAGAATCAGCTGACCCATACAGACTTAAACCAGAGAACATCCTGT  
 GTGAATTTGAGTTTAAACCCTCTACAATGAGCAAGAGCTGTGAGGAGAAGTCAAGT  
 AAGAACCACAGCATCCGAGTGGCTGACTTTGGCAGTGCCACATTTGACCATGAGCACCAC  
 ACCACCATTTGGGCCACCCGTCATATCGCCCGCTGAGGTGATCCTTGAGCTGGGCTGG  
 GCACAGCCCTGTGACGTCTGGAGCATTGGCTGCATTCTTTGAGTACTACCGGGCTTC  
 ACACTCTCCAGACCCACGAAAACCGAGAGCACCTGGTGTATGAGAGAAGATCCTAGGG  
 CCCATCCCATCACACATGATCCACCGTACCAGGAAGCAGAAATATTTCTACAAAGGGGGC  
 CTAGTTTGGGATGAGAACAGCTCTGACGGCCGGTATGTGAAGGAGAACTGCAAACCTCTG  
 AAGAGTTACATGCTCCAAGACTCCTGGAGCACGTGCAGCTGTTTGACCTGATGAGGAGG  
 ATGTTAGAATTTGACCCTGCCAGCGCATCACTGGCCGAGGCCCTGCTGCACCCTTC  
 TTTGCTGGCTGACCCCTGAGGAGCGGTCTTCCACACCAGCCGCAACCAAGCAGATGA  
 CAGGCACAGGCCACCGCATGAGGAGATGGAGGGCGGGACTGGGCCGCCAGCCCTTGAC  
 TCCAGCCTCGACCGCCAGGCCAGGCCAGGCCACCCAATGAACAGTGCATGTGAAGG  
 AAGGCAGGAGCCTGCAGGGGAGCAGACTTGGTCCCAGCTGCCAGAAAGCACAGATTTGA  
 CCCAAGCTATTTATATGTTATAAAGTTATAATAAAGTGTTCCTACTGTTTGAACCCCT  
 GGTACCAGTGTGTCCATCTCCAGGCTCCTTGCTTCCCCTTACCTGACCTTATTAATAAA  
 GTCTTTCTAGCAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_003992

**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:**

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\\_003992.1](#), [NP\\_003983.1](#)

**RefSeq Size:** 1762 bp

**RefSeq ORF:** 1473 bp

**Locus ID:** 1198

**UniProt ID:** [P49761](#)

**Cytogenetics:** 15q24.1

**Domains:** pkinase, TyrKc, S\_TKc

**Protein Families:** Druggable Genome, Protein Kinase

**Gene Summary:** This gene encodes a protein belonging to the serine/threonine type protein kinase family. This protein is a nuclear dual-specificity kinase that regulates the intranuclear distribution of the serine/arginine-rich (SR) family of splicing factors. Two transcript variants encoding different isoforms have been found for this gene. Related pseudogenes are located on chromosomes 1 and 9. [provided by RefSeq, Jul 2008]  
Transcript Variant: This variant (2) differs in the 5' UTR and coding region compared to variant 1. The resulting isoform (b) has a shorter and distinct N-terminus compared to isoform a.