

Product datasheet for **SC323161**

CLK3 (NM_001130028) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLK3 (NM_001130028) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLK3
Synonyms:	PHCLK3; PHCLK3/152
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

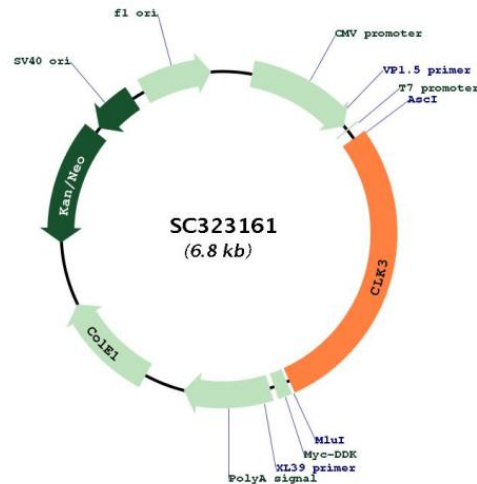


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Fully Sequenced ORF: >SC323161 representing NM_001130028.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTA
CCGAGGAGATCTGCCGCCGCGATCGCCGGCGCGCC
ATGCCCGTCTCTCCGCGCGCAGGAGGGAGTTGGCGGACCACCGGGGTTCGGGGCAGCGAGCGGGCCC
AGCCCCACGGCCAGGTCGGGGCCCCACCTCTCGGCTCTGAGAGCCAGCCGGCCCGGGCCGCGCACCTG
TCAGGTCGGGGGACCTACGTGCGCCGCGACACGGCGGGAGGCGGGCCGGCCAGGCTCGTCCCCTCGGC
CCTCCCGAAGTCTCTAGGCCGCGCGCCGCCGGAGCGGAGAGGGCTGGTCCCCGGAGCCTTC
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GAGGGGGCGGGGCTGCCACGGCGGAGGTCGACGCGGAAGCGGAAGAGGCGCTCGGAGCGGGGAGTGG
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GGCCTGACCCCTGAGGAGCGGTCTCCACACCAGCCGCAACCCAAGCAGATGA
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: AscI-MluI

Plasmid Map:


ACCN: NM_001130028

Insert Size: 1917 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).

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_001130028.1](#)

RefSeq Size: 2713 bp

RefSeq ORF: 1917 bp

Locus ID: 1198

UniProt ID: [P49761](#)

Cytogenetics:	15q24.1
Protein Families:	Druggable Genome, Protein Kinase
MW:	73.5 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).</p>