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 SC115988

PLK2 (NM_006622) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PLK2 (NM_006622) Human Untagged Clone
Tag:	Tag Free
Symbol:	PLK2
Synonyms:	hPlk2; hSNK; SNK
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF: >NCBI ORF sequence for NM_006622, the custom clone sequence may differ by one or more nucleotides

ATGGAGCTTTTGCGGACTATCACCTACCAGCCAGCCGCCAGCACCAAAATGTGCGAGCAGGCGCTGGGCA
AGGGTTGCGGAGCGGACTCGAAGAAGAAGCGGCCGCCGCAGCCCCCCGAGGAATCGCAGCCACCTCAGTC
CCAGGCGCAAGTGCCCCCGGCGGCCCCTCACCACCATCACCACCATTCGCACTCGGGGCCGGAGATCTCG
CGGATTATCGTCGACCCCACGACTGGGAAGCGCTACTGCCGGGGCAAAGTGCTGGGAAAGGGTGGCTTTG
CAAAATGTTACGAGATGACAGATTTGACAAATAACAAAGTCTACGCCGCAAAAATTATTCCTCACAGCAG
AGTAGCTAAACCTCATCAAAGGGAAAAGATTGACAAAGAAATAGAGCTTCACAGAATTCTTCATCATAAG
CATGTAGTGCAGTTTTACCACTACTTCGAGGACAAAGAAAACATTTACATTCTCTTGGAATACTGCAGTA
GAAGGTCAATGGCTCATATTTTGAAAGCAAGAAAGGTGTTGACAGAGCCAGAAGTTCGATACTACCTCAG
GCAGATTGTGTCTGGACTGAAATACCTTCATGAACAAGAAATCTTGCACAGAGATCTCAAACTAGGGAAC
TTTTTTATTAATGAAGCCATGGAACTAAAAGTTGGGGACTTCGGTCTGGCAGCCAGGCTAGAACCCTTGG
AACACAGAAGGAGAACGATATGTGGTACCCCAAATTATCTCTCTCCTGAAGTCCTCAACAAACAAGGACA
TGGCTGTGAATCAGACATTTGGGCCCTGGGCTGTGTAATGTATACAATGTTACTAGGGAGGCCCCCATTT
GAAACTACAAATCTCAAAGAAACTTATAGGTGCATAAGGGAAGCAAGGTATACAATGCCGTCCTCATTGC
TGGCTCCTGCCAAGCACTTAATTGCTAGTATGTTGTCCAAAAACCCAGAGGATCGTCCCAGTTTGGATGA
CATCATTCGACATGACTTTTTTTTGCAGGGCTTCACTCCGGACAGACTGTCTTCTAGCTGTTGTCATACA
GTTCCAGATTTCCACTTATCAAGCCCAGCTAAGAATTTCTTTAAGAAAGCAGCTGCTGCTCTTTTTGGTG
GCAAAAAAGACAAAGCAAGATATATTGACACACATAATAGAGTGTCTAAAGAAGATGAAGACATCTACAA
GCTTAGGCATGATTTGAAAAAGACTTCAATAACTCAGCAACCCAGCAAACACAGGACAGATGAGGAGCTC
CAGCCACCTACCACCACAGTTGCCAGGTCTGGAACACCCGCAGTAGAAAACAAGCAGCAGATTGGGGATG
CTATTCGGATGATAGTCAGAGGGACTCTTGGCAGCTGTAGCAGCAGCAGTGAATGCCTTGAAGACAGTAC
CATGGGAAGTGTTGCAGACACAGTGGCAAGGGTTCTTCGGGGATGTCTGGAAAACATGCCGGAAGCTGAT
TGCATTCCCAAAGAGCAGCTGAGCACATCATTTCAGTGGGTCACCAAATGGGTTGATTACTCTAACAAAT
ATGGCTTTGGGTACCAGCTCTCAGACCACACCGTCGGTGTCCTTTTCAACAATGGTGCTCACATGAGCCT
CCTTCCAGACAAAAAAACAGTTCACTATTACGCAGAGCTTGGCCAATGCTCAGTTTTCCCAGCAACAGAT
GCTCCTGAGCAATTTATTAGTCAAGTGACGGTGCTGAAATACTTTTCTCATTACATGGAGGAGAACCTCA
TGGATGGTGGAGATCTGCCTAGTGTTACTGATATTCGAAGACCTCGGCTCTACCTCCTTCAGTGGCTAAA
ATCTGATAAGGCCCTAATGATGCTCTTTAATGATGGCACCTTTCAGGTGAATTTCTACCATGATCATACA
AAAATCATCATCTGTAGCCAAAATGAAGAATACCTTCTCACCTACATCAATGAGGATAGGATATCTACAA
CTTTCAGGCTGACAACTCTGCTGATGTCTGGCTGTTCATCAGAATTAAAAAATCGAATGGAATATGCCCT
GAACATGCTCTTACAAAGATGTAACTGA

Restriction Sites: NotI-NotI

ACCN: NM_006622

Insert Size: 2058 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_006622.1, NP_006613.1
RefSeq Size:	2972 bp
RefSeq ORF:	2058 bp
Locus ID:	10769
UniProt ID:	Q9NYY3
Cytogenetics:	5q11.2
Domains:	pkinase, POLO_box, TyrKc, S_TKc
Protein Families:	Druggable Genome, Protein Kinase
Gene Summary:	The protein encoded by this gene is a member of the polo family of serine/threonine protein kinases that have a role in normal cell division. This gene is most abundantly expressed in testis, spleen and fetal tissues, and its expression is inducible by serum, suggesting that it may also play an important role in cells undergoing rapid cell division. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011] Transcript Variant: This variant (1) represents the predominant transcript, and encodes the longer isoform (1).