

Product datasheet for **SC331944**

PLK5 (NM_001243079) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PLK5 (NM_001243079) Human Untagged Clone
Tag: Tag Free
Symbol: PLK5
Synonyms: PLK-5; PLK5P; SgK384ps
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331944 representing NM_001243079.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTACACGGTGTGCTGACTGGCACCCACCCTTCATGGCCTCACCCCTGTGGAGATGTACCAAAACATC
CGTGAGGGCCACTACCCGAACCCGCTCACCTGTCTGCCAATGCGCGCCGCTCATCGTGACCTCCTA
GCACCAACCCGGCCGAGCGGCCAGCCTGGACCACCTGCTGCAGGACGACTTCTTCACACAGGGTTTC
ACTCCAGACCCGGCTGCCGGCCACTCTGCCACAGTCCCCCATCTTCGCATACCCCGCCTCTGGGC
AGGATCTTCCGGAAGGTGGGCCAGCGGTGCTCACCCAGTGCCGGCCACCCTGCCCTTCACGCCTAAA
GAGGCCTCGGGTCCAGGAGAAGGTGGGCCAGACCCTGACTCCATGGAGTGGGACGGCGAGAGCTCCCTG
TCTGCGAAAGAGTTCCCTGCCTGGAAGGCCCATCCACCTGGTCGCACAAGGGACCCTGCAGAGTGAC
CTGGCCGGGCCCGAGGGGAGCCGGCGGCCAGAGGTGGAGGCGGCCCTCAGACACCTGCAGCTGTGCCTG
GATGTAGGCCCCCGGCCACACAGGACCCCTGGGAGAGCAGCAGCCCATCCTCTGGGCCCCCAATGG
GTGGATTATTCAGCAAATACGGCTTTGGCTACCAGCTCTTGGACGGGGGGCGCACGGGACGGCACCCA
CATGGCCCTGCGACCCCGGAGGGAGGGGACCCTCCCCACACCTGTGCCACCTGCTGGACCCGGCCTC
TGCTCCTGCGCTTCTGGCCTCTGAGCACGCCCTGCTGCTGTTTTCAGCAATGGGATGGTGCAGGTG
AGCTTCAGTGGAGTCCCGGCCAACTGGTGTGAGTGGCGAGGGTGGGGTTTGCAGCTCACCTCTGG
GAGCAGGGGTCCCCTGGCACCTCCTACTCCCTGGACGTCGCGGAGCCACGGCTGCGCCCCACCACC
GGACAGCACCTTACCACGCCCTCCGCATGCTGCAGAGTATCTAG
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Restriction Sites: SgfI-MluI
ACCN: NM_001243079
Insert Size: 1011 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).



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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_001243079.1](#)

RefSeq Size: 1933 bp

RefSeq ORF: 1011 bp

Locus ID: 126520

UniProt ID: [Q496M5](#)

Cytogenetics: 19p13.3

Protein Families: Druggable Genome

MW: 36.3 kDa

Gene Summary: Inactive serine/threonine-protein kinase that plays a role in cell cycle progression and neuronal differentiation.[UniProtKB/Swiss-Prot Function]