

Product datasheet for **SC100783**

PDIK1L (NM_152835) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | PDIK1L (NM_152835) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | PDIK1L |
| Synonyms: | CLIK1L; STK35L2 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL4</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >OriGene ORF sequence for NM_152835 edited ATGGTGAGTAGCCAGCCAAAGTACGATCTAATACGGGAGGTAGGCCGAGGTAGTTACGGT GTTGTGTATGAAGCAGTCATCAGAAAGACCTCTGCACGGGTGGCAGTGAAGAAAAATTCGA TGTCACGCACCTGAAAATGTTGAACTAGCCCTTCGTGAGTTCTGGGCACTAAGCAGTATC AAGAGCCAACATCCAAATGTGATTCACTTGGAGGAATGCATCCTACAAAAGGATGGGATG GTGCAAAAGATGTCCCACGGCTCTAATTCTCCCTTTATTTACAGCTTGTAGAACTTCA TTAAAAGGAGAAAATTGCCTTTGATCCCAGAAGCGCCTATTATTTGTGGTTTGTGATGGAT TTTTGTGACGGAGGAGATATGAATGAGTATCTGTTGTCCAGGAAACCAATCGTAAACT AACACCAGCTTCATGCTTCAGCTGAGCAGTGCCTGGCTTTCTTGATAAAAACCCAGATC ATCCACCAGATCTTAAGCCTGATAACATCCTGATTTCTCAAACCAGGTTGGATAACAGT GACTTGGAACCTACCCTCAAAGTGGCTGATTTTGGTCTAAGTAAAGTTTGTTCAGCCTCT GGGCAGAACCCAGAAGAACCTGTCAAGTGTAAACAAGTGTTCCTTTCCACAGCATGTGGA ACAGATTTTTACATGGCTCCTGAAGTTTGGGAAGGACATTACACAGCAAAAGCTGACATC TTTGCTCTGGGGATTATCATCTGGGCAATGCTGGAAAGGATCACATTCATAGACACAGAG ACAAAGAAGGAACTCTTGGGGAGTTATGTAACAAGGAACTGAGATTGTGCCTGTTGGG GAGGCACTTCTGGAAAATCCCAAATGGAACCTCTCATTCTGTGAAGAAAAATCTATG AATGGGCGAATGAAACAACCTGATTAAGGAAATGCTGGCTGCAAACCCTCAGGATCGTCCA GATGCTTTTGAAGTAACTAGACTCAGATTAGTACAAAATGCATTTAAAGATAGCAGCTGGGAA ACGTGA |



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| 5' Read Nucleotide Sequence: | <p>>OriGene 5' read for NM_152835 unedited GACANTCGCATTAGGGCAGCGGAGTTGCGAGCTGCCCGAAATGGCGGCCTGCATAGCCCA TGAGAGGGAGAAGCGGCAGCGTCTACCCTGAGGAAGGTGCTCTTCCCATGGGACTGTA CCAGGCTGGAGAGGACATGGCACTGCTTACAGAGACACGAACCACCTTGAGTGTGAGTGAN NCGCGATCCCCGTAGAGCATGTAAGCTCGTCTGCTGTGCAGCCGGCGCAGAGGATTCTGT GGCAGGAAATAGACACTAGGAAATTCAGTAGCGATTTGAAGGAAACCTCGACCTTGAAG ATGGTGAAGTAGCCAGCCAAAGTACGATCTAATACGGGAGGTAGGCCGAGGTAGTTACGGT GTTGTGTATGAAGCAGTCATCAGAAAGACCTCTGCACGGGTGGCAGTGAAGAAAATTCGA TGTACGCACCTGAAAATGTTGAACTAGCCCTTCGTGAGTTCTGGGCACTAAGCAGTATC AAGAGCCAACATCCAATGTGATTCACTTGGAGGAATGCATCCTACAAAAGGATGGGATG GTGCAAAAGATGTCCACGGCTTAATTCTCCCTTTATTTACAGCTTGTAGAACTTCA TAAAAGGAGAAATTCCTTTGATCCAGAAAGCGCCTATTATTTGTGTTTGTGATGGAT TTTTGTGACGGAGGAGATATGAATGAGTATCTGTTGTCCAGGAAACCAATCGTAAAAC AACACCAGCTTCACTGCTCAACTGAACAGTGCCCTGCTTTCTTGCATAAAAACAGATC ATCCACCGAGATCTTAAGCCTGATTACATCCTGATTTCTCAAACAGGTTGGATACCAGT GACTTGGAACTACCCTCAAAGTGGCTGATNTTGGCTCTAAGTT</p> |
| 3' Read Nucleotide Sequence: | <p>>OriGene 3' read for NM_152835 unedited ACTTGTACCGCGCCGATTCTANGATCGGTTTTTTTTTTTTTTTTTTTAGAATTTTCAGT TTTTTTTTTTGTTGAAACTCACTTTATTTAAAAAAAAGTCTGAACAATAAATTACAATC ATTTTCCCCTTTATAAATTCCTCATAAAATATTTGACAATTTAACAGAAAATTTCA AAAGTTGCTTTCATTTCTAAGTGTGATGACTTATTTTTGACCATTTTGTGATGCTGG TGAATTACTTTGTAGCTGCTACAATAGTTTGATTGATAACAATTTACAATTAACAAAC AACACGAAAGAGAAAAACAGACCAGCAGAAAGAACTATTCTGTGTGCTATTTATCTGAC ACTTAACACTTACTTCATCATAATGACAAAGTATCCCTTAGCACCAAAAAATCTACAGGA ACCCCATCTTTCTAAGTGAACACTAGTGCAAAATAACATTCTAGGAACTAACTGTACAAC CCCATATTTTCACTGGCCACAGCTGCCTATAAGCTCATTTGAAATATTTGGTCTTTTTTC AATTAAGACAAATTTCAAAAAACACCATAAATCATGGGCAAGACTCTATGAGGAACAAT TGCTTATTGAGTACCTATTATGGGCAAGGCACTGTGTACGAAGTTTTGCTTTCATTTTTC CTCTAGCAAAATCCAGGTATTTCCAAATACACTAACCCTTTTTCTTACTCCCTGGCT GAAAAGGCCTTTTGGCTAAAATGCCATTTTTTAAATTTGTCATTTTATCAACAAAACCTT TAGTGCTGAGCACACAGTAAGTACCTTAATAAATACCTCTGGCTGGAAGGACCAAGGCCA AGGATTTTCTTTCATTTTGGCTGGGCTTTTTTAGAATCCAGGGCCTGGTAAAATCCAGA AGAAACATTCTGATTCCTTATAACCTTAACCCCAATGAAGGAATTTTCTTCCAGGGAA AATTCTTCCAGA</p> |
| Restriction Sites: | NotI-NotI |
| ACCN: | NM_152835 |
| Insert Size: | 4700 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_152835.1](#), [NP_690048.1](#)

RefSeq Size: 4299 bp

RefSeq ORF: 1026 bp

Locus ID: 149420

UniProt ID: [Q8N165](#)

Cytogenetics: 1p36.11

Domains: pkinase, TyrKc, S_TKc

Protein Families: Druggable Genome, Protein Kinase