

Product datasheet for **SC336305**

PFTK1 (CDK14) (NM_001287135) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PFTK1 (CDK14) (NM_001287135) Human Untagged Clone
Tag:	Tag Free
Symbol:	PFTK1
Synonyms:	PFTAIRE1; PFTK1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC336305 representing NM_001287135.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGTGTGACCTCATTGAGCCGAGCCGGCCGAGAAGATCGGCAAGATGAAGAAGTTGCGGAGAACTTTG
TCGGAGAGTTTCAGTCGATTGCTTTGAAGAAAGATGACACCACCTTTGATGAGATATGTGTCACAAAG
ATGTCTACACGGAAGTCCAGGGAATGGACTCAGTGATCAAACCCTGGACACAATTCTGAGGATAAA
AAAGTCAGAGTTCAGAGGACACAGAGCACTTTTGACCCATTTGAGAAACCAGCTAATCAAGTAAAGAGG
GTGCATTCTGAGAACAATGCTTGCATTAACCTTTAAGACCTCCTCCACTGGCAAAGAGTCACCTAAAGTT
AGGCGGCACTCCAGCCCCAGCTCGCCAACAAGTCCCAAATTTGGAAAAGCTGACTCATATGAAAAGCTG
GAAAACTAGGGGAAGGATCTTATGCTACAGTATACAAAGGGAAAAGCAAGGTAATGGGAAGTTGGTA
GCTCTGAAGGTGATCAGGCTGCAGGAAGAAGAAGGACACCTTTCACAGCTATCAGGGAAGCTTCTCTT
TTAAAAGGACTAAAACATGCTAACATAGTGCTACTTCATGACATCATCCATACCAAGGAGACGCTGACA
CTTGTTGTTGAATATGTGCACACTGATTTATGTCAGTACATGGACAAGCACCTGGGGGGCTGCATCCA
GATAATGTGAAGTTGTTTTATTTTCAGTTGCTGCGAGGTCTGTCTTACATCCACCAGCGTTATATTTTG
CACAGAGACCTGAAACCACAGAACCTTCTGATCAGTGACACGGGGGAGTTAAAGCTGGCAGATTTCCGGT
CTTGCAAGAGCAAAATCCGTCCCTAGCCACACATACTCCAACGAAGTGGTTACCTTGTTGACAGACCT
CCAGATGTCCTTCTAGGCTCAACAGAATATTCCACCTGCCTTGACATGTGGGGAGTAGGTTGCATCTTT
GTTGAAATGATCCAAGGAGTTGCTGCTTTTCCAGGAATGAAAGACATTGAGGATCAACTTGAACGAATA
TTTCTGGTTCTTGAACACCAAATGAGGACACATGGCCTGGAGTTCATCTTTACCACATTTTAAGCCA
GAACGCTTTACCCTGTACAGCTCTAAAACCTTAGACAAGCATGGAATAAGCTCAGCTATGTGAACCAT
GCAGAGACCTGGCCTCCAAGCTCCTACAATGTTCCCAAAGAACAGACTGTCGGCAGGCTGCCTTTG
AGCCACGAGTATTTTAGTGACCTGCCGCCAGGCTATGGGAACTCACCGACATGTCTTCTATTTTTACT
GTCCCAAATGTGAGATTGCAACCAGAAGCTGGAGAAAGCATGCGGGCCTTTGGGAAAAACAATAGTTAT
GGCAAAGTCTATCAAACAGCAAGCACTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: Sgfl-MluI

ACCN: NM_001287135

Insert Size: 1410 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_001287135.1](#)

RefSeq Size:	5146 bp
RefSeq ORF:	1410 bp
Locus ID:	5218
UniProt ID:	<u>O94921</u>
Cytogenetics:	7q21.13
Protein Families:	Druggable Genome, Protein Kinase
MW:	53.1 kDa
Gene Summary:	<p>PFTK1 is a member of the CDC2 (MIM 116940)-related protein kinase family (Yang and Chen, 2001 [PubMed 11313143]).[supplied by OMIM, Mar 2008]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).</p>