

Product datasheet for **SC115927**

PC4 (SUB1) (NM_006713) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PC4 (SUB1) (NM_006713) Human Untagged Clone
Tag:	Tag Free
Symbol:	PC4
Synonyms:	p14; P15; PC4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_006713, the custom clone sequence may differ by one or more nucleotides

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ATGCCTAAATCAAAGGAAGCTTGTTCCTCAAGCTCTTCTGGCAGTGATTCTGACAGTGAGGTTGACAAAA
AGTTAAAGAGGAAAAAGCAAGTTGCTCCAGAAAAACCTGTAAAGAAAACAAAAGACAGGTGAGACTTCGAG
AGCCCTGTCATCTTCTAAACAGAGCAGCAGCAGCAGAGATGATAACATGTTTCAGATTGGGAAAAATGAGG
TACGTTAGTGTTCGCGATTTTAAAGGCAAAGTGCTAATTGATATTAGAGAATATTGGATGGATCCTGAAG
GTGAAATGAAACCAGGAAGAAAAGGTATTTCTTTAAATCCAGAACAATGGAGCCAGCTGAAGGAACAGAT
TTCTGACATTGATGATGCAGTAAGAAAAGTAA
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5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_006713 unedited
CACGAGGTGTTTCGACTGCTAGAGCCGAGCGAAGCGATGCCTAAATCAAAGGAAGCTTGTTC
CTTCAAGCTCTTCTGGCAGTGATTCTGACAGTGAGGTTGACAAAAAGTTAAAGAGGAAAA
AGCAAGTTGCTCCAGAAAAACCTGTAAAGAAAACAAAAGACAGGTGAGACTTCGAGAGCCC
TGTCATCTTCTAAACAGAGCAGCAGCAGCAGAGATGATAACATGTTTCAGATTGGGAAAA
TGAGGTACGTTAGTGTTCGCGATTTTAAAGGCAAAGTGCTAATTGATATTAGAGAATATT
GGATGGATCCTGAAGGTGAAATGAAACCAGGAAGAAAAGGTATTTCTTTAAATCCAGAAC
AATGGAGCCAGCTGAAGGAACAGATTTCTGACATTGATGATGCAGTAAGAAAAGTAA
ATTCGAGCCATATAAATAAACCTGTAAGTTCTAGTTGTTTTAATCTGTCTTTTACAT
TGGCTTTTGTTCCTA
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_006713 unedited ACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTAAAAATGTATTACTTGAT TTTATTTTACACTAGGTGGTGGGCAGACAAAGTAATCCTTAATAAAAGTTGACAATTAGCT TCACTCAATATTTTAAATGCACATTAAGAAAAAGTATTCATCTTACAAATCTTCTG CAATCCAAACATACAATAGCTTGGAGAACATTTAGAAAACAAAAGCCAATGTAAGAAAGAC AGATTAACAACACTAGAACAGTACAGGTTTTATTTATATGGCTCGAATTTTACAGTTTTCT TTACTGCATCATCAATGTCAGAAATCTGTTCTTCAGCTGGCTCCATTGTTCTGGATTTA AAGAAATACCTTTTCTTCTGGTTTCATTTACCTTCAGGATCCATCCAATATTCTCTAA TATCAATTAGCACTTTGCCTTTAAAAATCGGAACACTAACGTACCTCATTTCCTCAATCT GAAACATGTTATCATCTCTGCTGCTGCTGCTGTTTAGAAGATGACAGGGCTCTCGAAG TCTCACCTGTCTTTTGTCTTTACAGGTTTTCTGGAGCAACTTGCTTTTTCTCTTTA ACTTTTTGTCAACCTCACTGTCAGAACTACTGCCAGAAGAGCTTGAAGAAACAAGTTCT TTGATTTAAGCATCGCTTCGCTCGGCTCTAGCAGTCGAACACCTCGTGCCCGATTGCGGG CCGCCCTATAGTGAGTCGTATTACATAATTCTGACCGTTCACTAAACGAGCTCTGCTTAT TAAACCTTCCACCGAACCCCTACGNCCATTTGCGGCACGGGGGGGGGTTATTACAAAT TTTGAAAAGTCCCCTGATTTGTGTGCCAAAACACTCCCATTGACGCCAATGGGGGGAA AACTTGAAAATCCCGGAATCAAACGCTATC
Restriction Sites:	NotI-NotI
ACCN:	NM_006713
Insert Size:	710 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:	<ol style="list-style-type: none"> 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_006713.2 , NP_006704.2
RefSeq Size:	1336 bp
RefSeq ORF:	384 bp
Locus ID:	10923
UniProt ID:	P53999
Cytogenetics:	5p13.3
Domains:	PC4
Protein Families:	Transcription Factors

Gene Summary:

General coactivator that functions cooperatively with TAFs and mediates functional interactions between upstream activators and the general transcriptional machinery. May be involved in stabilizing the multiprotein transcription complex. Binds single-stranded DNA. Also binds, in vitro, non-specifically to double-stranded DNA (ds DNA).[UniProtKB/Swiss-Prot Function]