

Product datasheet for **SC121901**

PC4 (SUB1) (BC022339) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PC4 (SUB1) (BC022339) Human Untagged Clone
Tag:	Tag Free
Symbol:	SUB1
Synonyms:	activated RNA polymerase II transcription cofactor 4; MGC102747; p14; P15; PC4; SUB1 homolog (<i>S. cerevisiae</i>)
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for BC022339, the custom clone sequence may differ by one or more nucleotides

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ATGCCTAAATCAAAGGAAGCTTGTTCCTCAAGCTCTTCTGGCAGTGATTCTGACAGTGAGGTTGACAAAA
AGTTAAAGAGGAAAAAGCAAGTTGCTCCAGAAAAACCTGTAAAGAAACAAAAGACAGGTGAGACTTCGAG
AGCCCTGTCATCTTCTAAACAGAGCAGCAGCAGCAGAGATGATAACATGTTTCAGATTGGGAAAAATGAGG
TACGTTAGTGTTCGCGATTTTAAAGGCAAAGTGCTAATTGATATTAGAGAATATTGGATGGATCCTGAAG
GTGAAATGAAACCAGGAAGAAAAGGTATTTCTTTAAATCCAGAACAATGGAGCCAGCTGAAGGAACAGAT
TTCTGACATTGATGATGCAGTAAGAAAACTGTAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC022339 unedited NNGGTTCAGATTTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACCAGGGTGTTCT GACTGCTAGAGCCGAGCGAAGCGATGCCTAAATCAAAGGAACTTGTCTTCAAGCTCTT CTGGCAGTGATTCTGACAGTGAGGTTGACAAAAAGTTAAAGAGGAAAAAGCAAGTTGCTC CAGAAAAACCTGTAAGAAAAACAAAGACAGGTGAGACTTCGAGAGCCCTGTCATCTTCTA AACAGAGCAGCAGCAGCAGAGATGATAACATGTTTCAGATTGGGAAAATGAGGTACGTTA GTGTTCCGCGATTTTAAAGCAAAGTGCTAATTGATATTAGAGAATATTGGATGGATCCTG AAGGTGAAATGAAACCAGGAAGAAAAGGTATTTCTTTAAATCCAGAACAATGGAGCCAGC TGAAGGAACAGATTTCTGACATTGATGATGCAAGTAAAGAAAAGTAAAATTTCGAGCCATA TAAATAAACCTGTACTGTTCTAGTTGTTTAACTGTCTTTTTACATTGGCTTTTGT TCTAAATGTTCTCCAAGCTATTGTATGTTGGATTGCAGAAGAATTTGTAAGATGAATAC TTTTTTTTAATGTGCATTATTAATAATTTGAGTGAAGCTAATTGTCACTTTATTAAGG ATTACTTTGTCTGCCACCCTAGTGAAAATAAATCAAGTAATACAATCTTAACTGT TGTGGCCTTTTTGATCATAAGAGTTGGTACTGTTTAAAGCCAAAGTAACAGTTTTTATA GATCTTTTAGTTCAACTCAGCTTTTACAATANAAGATTGTATTGCATTTGAGTTATA AACTTTNNGTTGNGAACTCATATNTGATCTTTTCTTTCATCAATGTNCTAGCTGNTTG ACTTCACCCC
Restriction Sites:	NotI-NotI
ACCN:	BC022339
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:	BC022339.1 , AAH22339.1
RefSeq Size:	1347 bp
Locus ID:	10923
Cytogenetics:	5p13.3
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]