

Product datasheet for **SC126861**

CFDP1 (NM_006324) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CFDP1 (NM_006324) Human Untagged Clone
Tag:	Tag Free
Symbol:	CFDP1
Synonyms:	BCNT; BUCENTAUR; CENP-29; CP27; p97; SWC5; Yeti
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_006324, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGAATTCGACTCCGAAGACTTCTCTACGTCGGAGGAGGACGAGGACTACGTGCCGTCCGGTGGAG
AGTATAGTGAAGATGATGTAATGAATTAGTGAAGGAAGATGAAGTGGATGGTGAAGAGCAGACACAGAA
AACCCAAGGGAAAAAAGAAAGGCCAGAGCATTCCAGCCAGGAAGAGAAGACAAGGTGGCCTCTCATT
GAAGAAGAGGAAGAGGAGGATGCCAATTCAGAATCTGAGGGAAGCAGTAGTGAGGAGGAAGATGACGCTG
CAGAGCAGGAAAAAGGCATTGGATCAGAGGATGCCAGGAAAAAGAAGGAGGACGAACTCTGGCCAGCTT
CCTCAATGATGTGGGACCAAAATCAAAAGTGCCCAAGTACACAAGTTAAGAAAGGAGAGGAGACTGAA
GAGACAAGTTCAAGTAAATTGTTGGTAAAAGCAGAAGAGCTAGAGAAACCTAAAGAAACAGAAAAAGTTA
AAATCACCAAGGTGTTTGTATTTGCTGGTGAAGAAGTAAGGGTAACTAAGGAAGTGGATGCTACATCTAA
AGAGGCCAAATCCTTCTCAAGCAGAATGAGAAAGAAAAACCACAGGCTAATGTTCTTCAGCTCTGCCA
TCACTCCCTGCCGGGTCAGGGTTAAAAAGATCAAGTGGCATGAGCAGCCTTTTGGGGAAAAATTGGTGCCA
AGAAGCAGAAAAAGAGCACCTTGAAGAAGTCCAACTGGACTGGGAGAGCTTCAAGGAGGAAGAGGGGAT
TGGTGAAGAACTGGCCATCCATAATCGAGGAAAGAGGGGTACATTGAACGGAAGCCTTCCCTTGACCGA
GTGGATCACAGGCAGTTTGAATTGAGCGAGATCTCAGGCTGAGCAAAATGAAACCTTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006324 unedited
 ATTTGTATACGACTCACTATAGGCGGCCGCAATTCGGCACGAGGGCAAAGCGCTGTCGG
 GGGCCGCCCTAGCTGCCGTGCGCCGCCGGGGCTCTATGGTCTCTCCCTAGAGCTTTGC
 CGTTGGAGGCGGCTGCTGCGGTCTTGTGAGTTTGACCAGCGTCGAGCGGCAGCAACATGG
 AGGAATTCGACTCCGAAGACTTCTACGTCCGAGGAGGACGAGGACTACGTGCCGTCCG
 GAAGAGAAAGCAAGGTGGCCTCTATTAGAAGAAGAGGAAGAGGAGGATGCCAATTCAGA
 ATCTGAGGGAAGCAGTAGTGAGGAGGAAGATGACGCTGCAGAGCAGGAAAAAGGCATTGG
 ATCAGAGGATGCCAGGAAAAAGAAGGAGGACGAACTCTGGGCCAGCTTCCCTCAATGATGT
 GGGACCAAAATCAAAAAGTCCCAAGTACACAAGTTAAGAAAGGAGAGGAGACTGAAGA
 GACAAGTCAAGTAAATTGTTGGTAAAAGCAGAAGAGCTAGAGAAACCTAAAGAAACAGA
 AAAAGTAAAAATCACCAAGGTGTTTGTATTTGCTGGTGAAGAAGTAAGGGTAACTAAGGA
 AGTGGATGCTACATCTAAAGAGGCCAAATCCTTCTTCAAGCAGAATGAGAAAGACAAACC
 ACAGGCTAATGTTCCCTCAGCTCTGCCATCACTCCCTGCCGGTCAAGGTTAAAAAGACA
 AGTGGCATGAGCAGCCTTTGGGAAAAATTGCTCCAAGAAGCAGAAAAATGAGCACCTT
 GAGAAGTCCAAACTGGACTGGGAGAGCTCAAGGAAGAAAGGGGATTGGTAAAAACTGCC
 CATCCATATCGAGGGAAGAGGGTACATTGACCGAAAGCCTCCTCGACCAGTGGACACAG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_006324 unedited
 CCGCGGCCGCTTCTANATCGAGTTTTTTTTTTTTTTTTTTTTCATTATCCTCTCACAGGAC
 CAACTTTTATTTTATTTATTTATTTAAGGACAAATTTTTAAAAAGTAAAGTGAATGAAACC
 ATTTGTGATTAAGATACATAGACAGAACTTCAATGTAGAAAAAAAAGACCTTGCTGGG
 AAACAGATGATGAGAAACACTGTAAAACATTTACAGACGCACAAAAAGCTCACATTGTA
 AACAGGATTAAGCTGCTTGTATTTAGCCCGTAACATCAAGGTTTCATTTTGCTCAGCCT
 GAGATCTCGCTCAATTTCAAAGTGCCTGTGATCCACTCGGTGAGGAAGGCTTTCCGTTT
 AATGTACCCTCTTTCCCTCGATTATGGATGGCCAGTTCTTACCAATCCCTCTTCCCTC
 CTTGAAGCTCTCCAGTCCAGTTTGGACTTCTCAAGGGTGTCTATTTTCTGCTTCTTGGC
 ACCAATTTTCCCAAAAGGCTGCTCATGCCACTTGATCTTTTTAACCTGACCCGGCAGG
 GAGTGATGGCAGAGCTGAAGGAACATTACCCTGTGGTTTTTCTTCTCATTCTGTTGAA
 GAAGGATTCGGCCTCTTTAGATGTACCATGCACCTCCTTTATTACCCTTACTTTTTTACC
 ACACAAAAATAACACCTTGGTGGATCTTACTTTTTTTCGGTACTTTAGGATACTTTAGCTC
 TTCTGCTTTTACCACCATATACTTGAAGTATTCTTAGAGTGCTCATTTTTTACTGGG
 GACTTGGGGCACTTTGATTTGGATCCCCATCATGAGGAACCTGACCAAAATTGTATCTCT
 TTTTCTGATACTTTGACCCATGGCCTTCTGCTCGCAAGGATACTAGCTCCCCCT
 CGGCTACCTCAAATCTGAATGGACCCCCCTTCTTTTTTAA

Restriction Sites:

NotI-NotI

ACCN:

NM_006324

Insert Size:

1200 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_006324.2](#), [NP_006315.1](#)

RefSeq Size: 1281 bp

RefSeq ORF: 900 bp

Locus ID: 10428

UniProt ID: [Q9UEE9](#)

Cytogenetics: 16q23.1

Gene Summary: May play a role during embryogenesis.[UniProtKB/Swiss-Prot Function]