

## Product datasheet for **SC214953**

### CPA4 (NM\_001163446) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	CPA4 (NM_001163446) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CPA4
Synonyms:	CPA3
ACCN:	NM_001163446
Insert Size:	1534 bp



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**Insert Sequence:** >SC214953 3'UTR clone of NM\_001163446  
 The sequence shown below is from the reference sequence of NM\_001163446. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATGGAGCATGTGCGGGACAACCTCTACAGGCGATGGCTGCTGTCTACATTTATTTGTACCCACA
CGTGACGCACTGAGGCCATTGTTAAAGGAGCTCTTTCCTACCTGTGTGAGTCAGAGCCCTCTGGGTTT
GTGGAGCACACAGGCCTGCCCTCTCCAGCCAGCTCCCTGGAGTCGTGTCTGCGCAGTGTCCCTGCA
AGAAGTGGTTCTGCCAGCCTGCTCAATTTTGGTCTGCTGTTTTTGTAGCCTTTTGTCTGTTTCTCC
TTCCACCCTGCTGGCTGGGCGGCTGCACTCAGCATCACCCCTTCTGGTGGCATGTCTCTCTACCT
CATTTTTAGAACCAAGAACATCTGAGATGATTCTCTACCCTCATCCACATCTAGCCAAGCCAGTGACC
TTGCTCTGGTGGCACTGTGGGAGACACCCTTGTCTTTAGGTGGTCTCAAAGATGATGTAGAATTTCC
TTTAATTTCTCGAGTCTTCTGGAAAAATATTTTCTTTGAGCAGCAAATCTTGTAGGGATATCAGTGA
AGGTCTCTCCCTCCCTCCTCCTGTTTTTTTTTTTTTTGAGACAGAGTTTTGCTCTTGTGGCCAGGCT
GGAGTGTGATGGCTCGATCTTGGCTCACCAACCTCTGCCTCCTGGGTTCAAGCAATTCTCCTGCCTC
AGCCTCTTGAGTAGCTTGGTTTATAGGCGCATGCCACCATGCCTGGCTAATTTTGTGTTTTAGTAGAG
ACAGGGTTTCTCCATGTTGGTCAGGCTGGTCTCAAACCTCCAACCTCAGGTGATCTGCCCTCCTTGCC
TCCCAGAGTGTGGGATTACAGGTGTGAGCCACTGTGCCGGGCCCCGTCCTCTTTTTTAGGCCTGAA
TACAAAGTAGAAGATCACTTTCCTTCACTGTGCTGAGAATTTCTAGATACTACAGTTCTTACTCCTCTC
TTCCCTTTGTTATTCAAGTGTGACCAGGATGGCGGGAGGGGATCTGTGCTACTGTAGGTACTGTGCCAG
GAAGGCTGGGTGAAGTGACCATCTAAATTGCAGGATGGTGAATATCCCATCTGTCTAATGGGCTT
ACCTCCTCTTTGCTTTTTGAACTCACTTCAAAGATCTAGGCCTCATCTTACAGGTCTAAATCACTCAT
CTGGCCTGGATAATCTCACTGCCCTGGCACATTCCTATTTGTGCTGTGGTGTATCCTGTGTTTCTTGT
CCTGGTTTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTCTGCTA
TTTTGTATCCTGGACCACAAGTTCCTAAGTAGAGCAAGAATTCATCAACCAGCTGCCTCTTGTTCATT
TCACCTCAGCACGTACCATCTGCCTTTTGTGTTGTTTTGTTTTTGTGTTTTTGTGTTTTTACCAACAT
GTCTGAAATCTAACCTCCTGCCTAGGATTTGTACAGCATCTGGTGTGTGCTTATAAGCCAATAAATA
TTCAATGTGAGTTTCA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
```

**Restriction Sites:** Sgfl-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_001163446.2](#)

**Summary:** This gene is a member of the carboxypeptidase A/B subfamily, and it is located in a cluster with three other family members on chromosome 7. Carboxypeptidases are zinc-containing exopeptidases that catalyze the release of carboxy-terminal amino acids, and are synthesized as zymogens that are activated by proteolytic cleavage. This gene could be involved in the histone hyperacetylation pathway. It is imprinted and may be a strong candidate gene for prostate cancer aggressiveness. [provided by RefSeq, Jul 2008]

Locus ID: 51200

MW: 56.4