

Product datasheet for **SC214954**

CPA4 (NM_016352) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CPA4 (NM_016352) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CPA4
Synonyms:	CPA3
ACCN:	NM_016352
Insert Size:	1534 bp



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Insert Sequence: >SC214954 3'UTR clone of NM_016352
 The sequence shown below is from the reference sequence of NM_016352. 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
ATGGAGCATGTGCGGGACAACCTCTACAGGCGATGGCTCTGCTGTCTACATTTATTTGTACCCACA
CGTGACGCACTGAGGCCATTGTTAAAGGAGCTCTTTCCTACCTGTGTGAGTCAGAGCCCTCTGGGTTT
GTGGAGCACACAGGCCTGCCCTCTCCAGCCAGCTCCCTGGAGTCGTGTCTCTGGCAGTGTCCCTGCA
AGAAGTGGTTCTGCCAGCCTGCTCAATTTTGGTCTGCTGTTTTTGTAGCCTTTTGTCTGTTTCTCC
TTCCACCCTGCTGGCTGGGCGGCTGCACTCAGCATCACCCCTTCTGGTGGCATGTCTCTCTACCT
CATTTTTAGAACCAAGAACATCTGAGATGATTCTCTACCCTCATCCACATCTAGCCAAGCCAGTGACC
TTGCTCTGGTGGCACTGTGGGAGACACCCTTGTCTTTAGGTGGTCTCAAAGATGATGTAGAATTTCC
TTAATTTCTCGCAGTCTTCTGGAAAAATATTTTCTTTGAGCAGCAAATCTTGTAGGGATATCAGTGA
AGGTCTCTCCCTCCCTCCTCTCCTGTTTTTTTTTTTTTTGAGACAGAGTTTTGCTCTTGTGGCCAGGCT
GGAGTGTGATGGCTCGATCTTGGCTCACCAACCTCTGCCTCCTGGGTTCAAGCAATTCTCCTGCCTC
AGCCTCTTGAGTAGCTTGGTTTATAGGCGCATGCCACCATGCCTGGCTAATTTTGTGTTTTAGTAGAG
ACAGGGTTTCTCCATGTTGGTCAGGCTGGTCTCAAACCTCCAACCTCAGGTGATCTGCCCTCCTTGCC
TCCCAGAGTGTGGGATTACAGGTGTGAGCCACTGTGCCGGGCGCCCTCCCTCTTTTTAGGCCTGAA
TACAAAGTAGAAGTCACTTTCCTTCACTGTGCTGAGAATTTCTAGATACTACAGTTCTTACTCCTCTC
TTCCCTTTGTTATTCAGTGTGACCAGGATGGCGGGAGGGGATCTGTGCTACTGTAGGTACTGTGCCAG
GAAGGCTGGGTGAAGTGACCATCTAAATTGCAGGATGGTGAATATCCCATCTGTCTAATGGGCTT
ACCTCCTCTTTGCTTTTTGAACTCACTTCAAAGATCTAGGCCTCATCTTACAGGTCTAAATCACTCAT
CTGGCCTGGATAATCTCACTGCCCTGGCACATTCCCATTGTGCTGTGGTGTATCCTGTGTTTCTTGT
CCTGGTTTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTCTA
TTTTGTATCCTGGACCACAAGTTCCTAAGTAGAGCAAGAATTCATCAACCAGCTGCCTCTTGTTCATT
TCACCTCAGCACGTACCATCTGCCTTTTGTGTTGTTTTGTTTTTGTGTTTTTGTGTTTTTACCAACAT
GTCTGAAATCTAACCTCCTGCCTAGGATTTGTACAGCATCTGGTGTGTGCTTATAAGCCAATAAATA
TTCAATGTGAGTTTCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-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_016352.4](#)

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