

Product datasheet for **SC208447**

CAMKIV (CAMK4) (NM_001744) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CAMKIV (CAMK4) (NM_001744) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CAMK4
Synonyms:	caMK; CaMK-GR; CaMK IV; CaMKIV
ACCN:	NM_001744
Insert Size:	2000 bp



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Insert Sequence: >SC208447 3'UTR clone of NM_001744
 The sequence shown below is from the reference sequence of NM_001744. 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
CAGCAAGATGTGATCCTGCCAGAGTACAAACAGCTTCCTTCAGATCTGGAAGCCAAACACCGGCATTT
TATGTACTTTGTCTTCAGCAAGAAAGGTGGAAAGCATGATATGTAATAAGTATTCTGTTTTTGAG
GTGCAAAAAACATACATATATACCAAGTTGGTAATTCTAACTTCAATGCATGTGACTGCTTTATGAAAAT
AATAGTGTCTTCTATGGCATGTAATGGATACCTAATACCGATGAGTTAAATCTTGCAAGTTAACACAAC
GTAACACTTAAAAGCATAACATTTTCAGCAACCAGTGGCACATATTTGAAGTGAATAGTAGCAAATGTT
TTTGCTTTGAAAATCTAGCCATCTACATCTTTGGATTCTTCCACAAGGCAGTAATTCCTTTGAACATA
CTGCTTAGCTAATACTAGGTAGTGTCTAAAAGACATGTTCCATAACTTTTACAACATTTTACTTTTTAT
CATTGATGTGTTCAAAGTGTTTACAAGGAGATGCTTATAGATGATAGTTGTACATATGTGCAAAAAAAA
ATCCACTTGCAATGGTAAGAAATGAAGTATCCTTAAAGGCCATGAAGCCATATGTCCTAAAGCCGTG
GTGGAGAATGCTTTATTTTATTCTTATTATATACACTATATTAATAATAACCAAAATGTTCTAAGATT
CTGCCATTTTACAACCCTGGAGGAAGTAATTTACAAAACACGCTGAGTTCCTTTCTTCCCTG
CTCTCAAATAAGATGACTTTCTGATAGACAAAGCTTAGGGTGTAAATAACAGGGAAGAAAAGAAGGTAA
GACTGACTTAAACTGATGAAGATAAGATTGATTCCTTTTCAATTTCCAGATAAAATTTGATTTACTCA
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TTTAGAAAATTTCTATTTACAGGTTAGTGCCAAAATGTCTTCATAGAGTAGGAATAATATCCATTTTA
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CGTATTTGGAATGAAAGTACCCACATTTTACAATGTAGTGTGAGAATGTGGCTGCCAATAAATTTAGC
ACAATGCAATTTATTTACCTTAAAAAACAAAACAAAACAAAATAAAGAAAAATACTGATTTCAAATCA
GACTCTTAAAAAGCTGGAACATTAGACCTGATTTTTTATTATGATTTTTCCAGAAATAAGTTAATTTT
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GTTGAAATGAATATTTTATCAGATTAATTATGTGTCACATTTTTGGTGGGTTTTCTCAATTTAAAAAA
GAATTCATTTTAAAAAATAATTATTTTTCAGAGACCAAATAAAGACAATAAAATGACTATCACATAAAA
ATCCTTGTAAAAAGAGATCTTAAATTATGTTGGCTCTCCCTCAAACCTATTAATTTAGAAAACGAAA
CTAAAGCTCCAGTTGTAGAGGCTGTTGGACCTCAGTAGACATTCTTTTCAATCACAAATCTCTCT
CTACTACTGTTCTCATGGGAAGAAAACAAGGTAGGACTTCTTATCTTTTATAGTTAAGAATCTGCAG
GTCAGTATGAGAGCCCTGAAGAAGCACATCTCTGGGCTCAGAAGATTATTTTTGTTTTGTTTTA
TTTGTACTATCTAGTAGAGAGCACTTTTCTTATCCCTCTTTCTTCTTCTCCTCATTTAATTATCCCT
CTCAGAATCCCAGTTGTCCATTATAAGGGGCTCGCTATTTTTAACCTTAAAGAATGTCTTCTTTGT
ACGCGT AAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
  
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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_001744.6](#)

Summary: The product of this gene belongs to the serine/threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. This enzyme is a multifunctional serine/threonine protein kinase with limited tissue distribution, that has been implicated in transcriptional regulation in lymphocytes, neurons and male germ cells. [provided by RefSeq, Jul 2008]

Locus ID: 814

MW: 78.6