

## Product datasheet for **MC202545**

### Camk4 (NM\_009793) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Camk4 (NM\_009793) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Camk4  
**Synonyms:** A430110E23Rik; AI666733; CaMKIV; CaMKIV/Gr; D18Bwg0362e  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC070420 sequence for NM\_009793  
GGTTCCCTGCCTGGTCTCTGCCGGTGGCGGTGGCTCCGGTTCCCTGCGCCGGTCTCGCGGTCTCGG  
GCATCTCCGCCCGCCCTCGCTCCCGAGCGCGAGGCGAGCCGACCCAGCGCGGGTGGCGGTGTGCG  
CGCTGAAGGACGCCTCCTCTCGCTCCCGTGTGACAGCGCGCGCCGGCGGCTCGAGCTCCGCGAGCGCG  
GCGTCTTCCGGAGTCCCGCGCGAAGATGCTCAAAGTCACGGTGCCTCCTGTCCCTCCTCGCCCTGCTC  
CTCGGTACCCGCCAGTACTGAGAACCTCGTCCCGGATTACTGGATCGACGGCTCTAACCGAGATCCTCTG  
GGCGATTTCTCGAGGTGGAGTCAGAGCTGGGACGGGGTGTACATCCATTGTGTACAGATGCAAACAGA  
AGGGGACCCAGAAGCCCTATGCTCTCAAAGTGTTAAAGAAAACAGTGGACAAGAAGATTGTGAGAACAGA  
AATAGGAGTTCTCCTGCGTCTCTCACACCCGAACATCAAAAACCAAGGAAATATTCGAAACCCCA  
GAAATCAGCCTGGTCTTGTAGCTGGTACAGGAGGAGAACTGTTTACAGGATTGTGAGAAAGGATACT  
ACAGTGAGCGCGATGCGGCTGACGCGGTGAAGCAGATCCTGGAGGCCGTTGCTTACTGCATGAAAATGG  
GATTGTCCATCGTGACCTCAAACAGAGAATCTTCTTTATGCAACTCCAGCCCTGATGCACCCCTCAA  
ATTGCTGATTTTGGACTTTCAAAAATTGTGGAACATCAAGTGCTCATGAAGACAGTGTGTGGAACCCCG  
GGTACTGCGCACCTGAGATTCTCCGAGGCTGTGCCTACGGACCTGAGGTGGACATGTGGTCTGTAGGAAT  
AATCACCTACATCCTACTTTGTGGATTTGAACCTTCTATGACGAGCGAGGTGATCAGTTCATGTTGAGG  
AGAATTCTGAATTGTGAATTAATCTTTATCTCCCCTGGTGGGATGAAGTGTCTTTAAATGCCAAGGACT  
TGGTCAAAAAGCTCATTGTTTTGGATCCCAAGAAACGGCTGACTACATTTCAAGCCCTCAACACCCATG  
GGTCACAGGTAAGCGGCCAATTTGTTTACATGGACTGCTCAGAAGAACTTCAAGAATTCATGCT  
CGGCGCAAGCTTAAGCGCGGTGAAGGCTGTGGTGGCCTCTTCTCGGCTGGGAAGTCCAGCAGTAGCC  
ACACCAGCATCCAAGAGAACACCAAGGCCAGCTCGGATCCACCTTCAACCCAAGATGCCAAGGACAGCAC  
AGATCTTCTGGGAAAGAAATGCAAGAGAGGACCAAGAGGAGGACCAAGTGGAGCCGAGGCTTCAGCC  
GATGAGATGAGGAAGCTGCACTCCGAGGAGGTGGAGAAAGATGCAGGTGTAAAAGAGGAGGAGACCTCCA  
GTATGGTGCCTCAGGATCCAGAGGATGAGCTGGAAACAGATGACCCAGAGATGAAGAGGGATTGAGAGGA  
GAAGCTGAAGAGTGTGGAGGAAGAAATGGACCCATGACTGAGGAGGAAGCCCTGACGCGGACTTGGG  
GTTCCACAGCAGGATGCGATTGACCCAGAGTAAAGCTGGCTTCTTTAGGTGAGGCCAACCCAGCA  
TTTTATGCACTGTCCCTCAGCAAGGCCGGGAAGCATGATATGCACTATAGTGATTCTGTTTTGAGGTG  
CAAAAAAAAAACCCATATATACCAGTTGGTAACCCATAAAAAAAAAAAAAAAAAAAAA



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<b>Restriction Sites:</b>	Ascl-NotI
<b>ACCN:</b>	NM_009793
<b>Insert Size:</b>	1410 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC070420</a></u> , <u><a href="#">AAH70420</a></u>
<b>RefSeq Size:</b>	1805 bp
<b>RefSeq ORF:</b>	1410 bp
<b>Locus ID:</b>	12326
<b>Cytogenetics:</b>	18 18.15 cM