OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RN206506

Camta2 (NM_001105801) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Camta2 (NM_001105801) Rat Untagged Clone

Tag: Tag Free

Symbol: Camta2

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Cell Selection: Neomycin

Fully Sequenced ORF:

>RN206506 representing NM_001105801
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAATACCAAGGACACCACTGAGGTTGCTGAGAACAGCCACCACCTGAAGATCTTCCTCCCCAAGAAAC
TGCTGGAGTGTCTTCCTCGATGCCCACTGCTGCCTCCAGAGCGGCTCCGATGGAATACAAATGAGGAGAT
TGCATCCTACCTGATCACCTTTGAGAAACATGATGAGTGGCTGTCTTGTGCCCCAAAGACAAGGCCTCAA
AATGGCTCCATTATCCTCTACAATCGTAAGAAGGTGAAATACCGGAAGGATGGTTACCTTTGGAAGAAGC
GGAAAGATGGGAAGACTACCCGAGAAGACCACATGAAACTCAAGGTCCAGGGCATGGAGTGTCTCTATGG
CTGCTACGTTCACTCTTCCATCGTCCCCACATTCCATCGGCGCTGCTATTGGCTGCTCCAGAACCCTGAC
ATCGTCCTTGTGCACTACCTGAATGTCCCAGCCCTGGAGGATTGTGGAAAGGGCTGTAGCCCCATCTTTT
GTTCCATTAGTAGCGACCGGCGAGAATGGCTGAAGTGGTCACGTGAGGAGCTATTGGGACAGCTGAAGCC
CATGTTTCATGGCATCAAGTGGAGCTGTGGGAATGGGTTGGAGGAATTCTCTGTGGAACAGTTGGTGCAG
CAGATCTTGGACACCCATCCAACCAAACCAGCACCCCGAACCCATGCTTGTCTCTGCAGTGGGGGCCTTG
GTTCTGGGAGCCTTACCCACAAATGCAGTAGCACGAAACACCGCATCATCTCTCCTAAAGTGGAGCCTCG
AGCTTTAACCTTGGCTTCTATCTCCCACTCCAAGCCCCCTGAACCTCCACCACTGATAGCTCCACTTCCT
CCCGAGCTCCCCAAGGCACATACCTCCCCATCTTCCTCCTCTTCTTCCTCCTCCTCAGGATTTGCAGAAC
CCCTAGAAATCAGACCTAGCCCTCCTACCTCTCGAGGGGGTTCATCTCGAGGAGGCACTGCCATTCTTCT
CCTAACGGGACTAGAGCAGCGTGCTGGGGGCCTGACACCCACCAGACACTTGGCTTCACAGGCTGAGCCT
AGACCTCCTGTGAGCTTGGCTGTGGTTGTAGGTTCTGAGCCTTCTGCCCCGCCAGCTCCTCCCAGCCCTG
CCTTTGACCCTGATCGTTTTCTCAACAGTCCCCAAAGGGGCCAGACATATGGAGGGGGCCAAGGGGTGAA
TCCGGACTTCCCTGAGGCAGAGGGCACTCACACTCCCTGCCCTGCCCTAGAACCTGCTGCTGCCTTGGAG
CCCCAGGCCGCTGCACGGGGTCTCCCTCCACAGTCGGGAGCAAGTGGGAGAAGAGGAAACAAATTCTTTA
TCCAAGATGATGATAGTGGGGAGGAACTCAAGGGTCCAGGAACAGTGCCACCTGTCCCTTCACCCCCTCC
CTCATCCCCATCCTCTCCTGCTGCCTTGCAGCCGTCAGGCAGGGCTACAAGAGGAGAAACCTTGTTTGGA
GGCTCTGCTGGCAGCACCAGTGAGCTAGAGCCCTTCAGTCTTTCATCATTCCCAGACCTTATGGGAGAAC
TCATCACTGATGAAGCCCCAGGTGTCCCTGCCCCAAGCCCCCAGCTTTCTCCTGTGCTTAACACCATCAC
AGACTTTTCCCCAGAGTGGTCCTACCCAGAGGGTGGGGTCAAGGTGCTCATCACAGGCCCTTGGACAGAG

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GCCGCAGAGCATTACTCCTGTGTCTTCGATCACATCGCAGTGCCGGCCTCCCTGGTCCAGCCTGGTGTCT
TACGCTGTTACTGTCCTGCCCATGAGGTAGGGCTGGTGTCTTTGCAGGTAGCAGGGCGGGAAGGCCCACT
CTCTGCTTCTGTGCTCTTTGAGTATCGAGCTCGCCGGTTCCTGTCTCTGCCTAGTACACAGCTTGACTGG
TTGTCACTGGATGACAGCCAGTTCCGGATGTCCATCCTAGAGCGGCTGGAGCAGATGGAGAAGCGGATGG
CAGAGATCGCAGCAGCTGGACAGGCACCTGGCCAGGGTCCAGAGGCTCCTCCAATTCAGGATGAAGGCCA
GGGCCCTGGCTTCGAAGCACGGGTGGTGGTCTTGGTAGAGAGCATGATCCCACGGTCCACTTGGAGGGGT
CCTGAACGTCTGATGCATGGAAGCCCCTTCCGGGGCATGAGCCTTCTGCATCTGGCTGCTGCACAGGGCT
ACGCTCGGCTCATTGAGACTCTGAGCCAGTGGCGGAGTGTGGAAACGGGAAGCCTGGACTTAGAGCAAGA
GGCTGACCCGCTCAATGTGGACCATTTCTCTTGCACCCCTCTGATGTGGGCGTGTGCTCTGGGACACTTA
GAAGCAGCTGTGCTCCTTTTCTGTTGGAACCGACAAGCACTGAGCATTCCTGACTCTCTGGGCCGGCTAC
CCCTATCTGTGGCTCATTCTCGGGGTCATGTGCGCCTTGCCCGCTGCCTTGAAGAACTACAGAGACAGGA
GCTTTCAGTTGAGCACCCACTCGCTCTATCTCCACAGTCTTCGAGCCCAGACACTGGCCTGAGCAGCGTC
TCTTCACCCTCGGAGCTGTCAGATGGTACTTTCTCTGTGACATCAGCTTACTCAAGTGCCCCAGATGGCA
GTCCTCCCCCTGCTCCCATGCTGGCCTCTGAAATTTCTATGGAGACCATCCCAGGCCAGCTTTCTTTTGG
TGCCCCTGAGACACCCTTACTCCTCATGGACTACGAAGCCACTAACTCCAAAGAATCTGCTCCCTCCCCT
TCTGGCCTCCCTCTAGCCCAGGATGACAGGGCTGCTCCAGAGGATGCTGACAGCCCACCAGCTGTGGATG
TGATCCCGGTGGACATGATCTCACTGGCCAAGCAGATCATCGAAGCCACACCGGAACGGATTAAACGAGA
GGACTTCTCAGAGTTACCTGAAGCTGGAGCCTCACCAAGGGAGCACACAGGCACTGTGGGGCTCAGTGAG
ACCATGTCCTGGCTAGCCAGTTACCTGGAGAATGTGGACCATTTCCCCAGCTCAGCCTTTCCTAGTGAAC
TGCCCTTTGAACGAGGTCGCCCAGCTATCCCTCCAGCACCTTCCTGGGCAGAGTTCCTCTCTGCATCTAC
CAGTGGCAAGATGGAAAGTGACTTTGCCCTCCTGACACTCTCAGATCATGAGCAGCGGGAACTGTATGAG
GCAGCACGAGTCATCCAGACGGCTTTTCGAAAGTATAAGGGTCGGAGGTTGAAGGAACAGCAGGAGGTAG
CCGCAGCGGTGATTCAGCGTTGTTATCGGAAGTACAAGCAGCTGACCTGGATTGCACTTAAGTTTGCACT
CTATAAGAAAATGACTCAGGCAGCCATCCTGATTCAGAGCAAGTTCCGAAGCTACTATGAACAGAAGAGG
TTTCAGCAGAGCCGCCGAGCAGCTGTGCTTATCCAGCAGCACTACCGCTCCTACCGCCGCAGGCCGGGGC
CTCCTCACCGGCCCTCAGGCCCCCTTCCTTCTCGAAACAAGGGCACCTTTCTCACGAAGAAGCAGGACCA
GGCAGCCCGGAAAATAATGAGGTTCCTGCGGCGCTGCCGACACAGAATGAGGGAACTGAAGCAGAACCAG
GAGCTGGAGGGGCTGCCCCAGCCAGGACTGGCCACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001105801

Insert Size: 3609 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_001105801.2, NP_001099271.2
RefSeq Size:	4438 bp
RefSeq ORF:	3609 bp
Locus ID:	287462
Cytogenetics:	10q24