

Product datasheet for RN206519

Camsap3 (NM_001144840) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Camsap3 (NM_001144840) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Camsap3
Synonyms:	RGD1307246
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN206519 representing NM_001144840 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGGAAGCGGCGCCCGGGGTCCGGGCCACTGCGGAGGACTTTCTTGGTCCCCGAGATCAAGTCAT
TGGACCACTACGATTTCTCTAGAGCCAAGGCGGCGGAGCTGGCGTGGGTGCTGCGGGCCGATTTCGG
GGGAGCAGAGCATGTGCCCGGAGCTGTGGGAACCTTCTACACCGACCAGTACGCACAGGAGCATGTG
AAGCCCCAGTGACGCGGCTGCTGCTCTGCAGAACTCTACTGCCGGGCTGGCGTCAGGCACTGCCAC
AGCTCGAGCCATCCCCAGCCCCCTGCACTGCTGGCCTTGTGGCGAGGAGGGGACGGTCCCTCGCT
ACCTGAGCACCCAGTGCCTGAGGCTGACCTGAAACACCAGCCAATCCTCATGGGAGCCACCTAGCTGTC
ATCGATGCGCTCATGTTGCCTTCTCATTGAGTGGACAAAGACCCTGCCTGGTCCCTTGCTCTGAGCA
GTTTGGAGCACAACCTCTTTCTGGGTAGACACAACCTGTTCCGGCGGCTGCAGGAGAAGACAGAACAAGA
AGCAACCCAGCGTGCATCTCCTGCAGCTCCTTGATGGGGTCTTCCGGCCAGCCCTCGCACGCAATT
GCCTTCTGTTGAAGGAGTCGGGAACAACCCCTATGATTCGATACCGCAAGGACCGTGCATTGCC
GGAGGGCCCCCTGCTTCCAAATGTGACTACCTTCAGGACCTGGCCAGTGGAGCAGCACTGGCTGCCAC
CATCCACTGCTATTGTCCCCAGCTATTACGACTTGAGGAGGTGTCCCTCAAGACCCCATGTCTGTGGCA
GACAGTCTACAACCTCCAGCTGGTACAAGACTTCTGTGCCTCCCATCTTCTCGGGGCTGCCCTTAT
CCCTTGAAGACTTACTCTATGTCCCACCGCCCTCAAGGTCAATCTGGTGGTGTGTTGGCTGAGATGTA
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ACCCGCTACTGTACCTGGTGGTCCCCAGTCCCCACTCCGAGGATCCACAGGCTCCCTGAAGTCATCTCC
ATCCATGTCTCACATGGAGGCTCTTGGCAAAGCCTGGAACCGTCAGCTTAGCCGTCCTCTCCAGGCT
GTGTCGTTACGCACTCCCTTTGGCTGGACAGCGATGTGGATGTCGTCATGGGAGATCCTGCTGCTCC
GCTCCGTCAGTTCAGACAGTCTGGTCCCCACGTCCTGCGTTGACATCATCGCGGAATTCTGCCAGCC
ACCCCCAGAATCTGGAGACCTACCCACAATTGAGGAGGCCCTGCAGATCATTACAGCGCCGAGCCCCG



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CTGCTCCCTGACGGGGCTGCTGATGGCAGTTTCTACCTCCATTCTCTGAGGGTCTCTCAAACCACCAC
 TGGCTCCCCCTATCTCCCGAAGGAGCCTCAAAGCCACTGTCTGATGGGCTTAACAAAGCACCCATCTA
 TATATCCACCCTGAGAACCTTCAAACCATCTCCCTGCTCAGCAGGAGAGACTGAAACCACCGCCC
 CCGTCTGAGGGTCCCGAAAGCTGTGGCTTATCCCCAGCAGCAACAACCTCGGAAGTGAAGATGACCA
 GTTTTCTGAGCGAAAGAAGCAGCTGGTGAAGGCTGAGGCTGAATCGGGAACGGGGTCTCCAACATCCAC
 TCCCGTAGCGCTGAGGCCTTGAAGCTCGGAGATGAGCGAGCTGGTGCCCGGCTGGAGGAGAAGCGAGA
 GCCATGAGGCTCAGAAGCGACGATTGAGGCTATCTTTGCCAAGCACAGGCAGAGACTGGGCAAGAGCG
 CTTTCTGCAGGTGCAGCTCGGGAGGCTGCAGGGGAGGCTGAGGAGGAAGCTGAGCTGGGCTCAGTTCC
 TGGTGGGAACCGCCAGCAGGTGAAGGCCAGGGTGAAGGCTGAGCCATCTCGAGACCTAAGTCAGTTACCTTCT
 CCAGATCTGGGCCGATTCCCCAGAAGGACTGGGGATTACAACCGAGCAGTCAGTAAGCTGAGTGCTG
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 GGCTCCTGGACCTGCCCCACCACCTGCAGCCTGGGTATTCTGGACCTGCCACTGGGCTAAAGCAGCA
 TCCCCAGCCCTGCCCGTCGCGCCCAGCTGCCGACGTAGCCCAGGGCCAGGCCCCAGCCCACTCCCC
 GTAGTCCAAAACATGCAAGGCCGCGAGAGCTGAAGCTTGCACCTTGACAAGGTAACACACCACCCCA
 TGATGTAGACAGCTCCCCACCTACGCAAGTTTTACCCAGCCAGGTGCCTGTACAGACTCGATCTCT
 ATCTCTGTGCGAGGGGACACCTCCCAGGAGGCCACCACCAAGCCTGCCCTATCGAGATCCCTCTAG
 CCAGCCTGGGGGAGCCTGCTGCTGAGGAGGAAGGAGATGGGAGCCCCCTGGGGCTGAGGATTCCTTAGA
 GGAAGAGGCATCTTCTGAGGGAGAGCCCGATCGGGGCTTGGATTCTTTATAAGGACGAAGACAAGCCT
 GAGGATGAGATGGCTCAAAGCGGGCTAGCCTGCTTGAAGCGGCAGAGGCGGGCAGAGGAGGCCCGGC
 GGCGGAAACAGTGGCAGGAGGCAGAGAAGGAGCAGAAACGGGAGGAGGCCGCGAGGCTGGCTCAGGAGGA
 GGCTCCGGGCTTGGCCCTTTCAGCTCCCGTAGCCCTGCTGCTCCGGTGGCCACCTTGGCTCCTGCTACC
 CGAGCCATGGCCCCAGCTGAGGAAGAGGTGGGCCCCCGACGTGGGACTTCAAGACTTGAATGAGC
 GTCCGGGCAACTGAAGCTGATGGATGACCTTGATAAGGTGCTACGGCCCCGGGCTCAGGGACCGGGGG
 ACCAGGGCGGGGCGGGCGCAGGGCCACCCGCCACGCTCTGTTGCTGTGATGACTCGGCCTTGGCACGA
 AGCCCAGCCCGGCGCTGCTGGGCTCCCGGCTCAGCAAGGTCTATTCCAGTCCACACTGTCTGTCTA
 CTGTGGCCAAATGAGGCTCCCAATAACCTTGGTGTGAAGAGGTCCACGTCTCGGGCCCTTCTCCATCAGG
 CCTCATGTGCGCCAGCCGCTGCTGGCAGTCGAGAAGCTGACTGGGAGAATGGGAGCAATGCTTCTCC
 CCAGCATCAGTGCCTGAGTACACAGGTCCCGACTCTACAAGAACCAGCGCAAGTCCAACAAGTTCA
 TCATCCACAATGCCCTGTCACTGCTGCTGGCAGGCAAGGTGAATGAGCCGAGAAGAACAAGATTCT
 AGAGGAAATCGAGAAGAGCAAGGCCAACACTTCTGATTCTCTCCGGGACTCAAGCTGCCAGTTTCGT
 GCCCTTACACTCTGCTGGGGAGACGGAGGAGCTGTCCAGGCTGGCAGGCTATGGGCTCGCACGGTCA
 CCCTGCCATGGTGAAGGCATCTACAAGTACAACCTCGGACCGCAACCGTTACCCAGATCCCCGCCAA
 GACCATGTCTATGAGTGTAGATGCCTTCACTATCCAGGGACACCTTTGGCAAAGCAAGAAGCCACCACA
 CCCAAGAAGGGCGGTGGCACCCCAAA TAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001144840
- Insert Size:** 3810 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_001144840.1, NP_001138312.1

RefSeq Size: 4141 bp

RefSeq ORF: 3810 bp

Locus ID: 689074

Cytogenetics: 12p12