

Product datasheet for RN202323

Camk1d (NM_001107365) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Camk1d (NM_001107365) Rat Untagged Clone
Tag: Tag Free
Symbol: Camk1d
Synonyms: RGD1560691
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN202323 representing NM_001107365
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCCCGGGAGAACGGCGAGAGCAGCTCCTCCTGAAAAAGCAAGCGGAAGACATCAAGAAGATCTTCG
 AGTTCAAGGAGACCCTCGAACTGGGGCCTTTTCTGAAGTTGTGTTAGCTGAAGAGAAAGCAACGGGAA
 GCTCTTTGCAGTGAAGTGATCCCGAAGAAGCGCTGAAGGGCAAAGAGAGTAGCATCGAGAACGAGATT
 GCCGTGCTTAGAAAGATTAAGCATGAAAACATTGTGGCCTTGAAAGATATTTACGAAAGCCGAACCACC
 TCTACCTGGTCATGCAACTTGTGTCTGGTGAGAACTCTTTGATCGGATAGTGGAGAAGGGATTTACAC
 AGAGAAAGATGCCAGCACTCTCATCCGCCAGGTCTGGATGCTGTGTACTATCTCCACAGAATGGGCATT
 GTCCACAGGGACCTCAAGCCAGAAAACCTTGTACTACAGTCAAGACGAGGAGTCCAAAATAATGATCA
 GTGACTTTGGCTTGTCAAAAATGGAGGGCAAAGGAGACGTGATGTCTACGGCTGCGGAACCCGGGCTA
 TGTTGCGCCAGAAGTTCTTGCCAGAACCCGTACAGCAAAGCGGTTGACTGCTGGTCTATTGGGGTGATC
 GCCTATATCCTGCTCTGTGGTTACCTCCTTTTTATGATGAAAATGACTCGAAGCTGTTGAACAGATCC
 TCAAGGCAGAATATGAGTTTGATTCCCTACTGGGATGACATCTCCGACTCTGCAAAAGACTTCATTTCG
 GAATCTGATGGAGAAAGACCCAAAATAAAGATACACCTGTGAGCAGGCAGCTCGACACCCATGGATCGCT
 GGTGACACAGCCCTCAGCAAAAACATTCACGAATCTGTGAGTCCGAGATCCGGAAGAATTTGCAAAAGA
 GCAAAATGGAGACAAGCGTTAATGCCACGGCCGTGAGACATATGCGGAGGCTACAGCTCGGCAGCAG
 CCTGGACAGCTCAAATGCAAGTGTCTCAAGCAACCTCAGTTTGGCCAGCCAAAAGATTGTCTGGCACCT
 TCCACGCTCTGTAGTTTCTTTCTTCTTCGTCGGGGTTCGAGGAGTCCGAGCTGAGAGGAGACCCAGGC
 CCACCACTGTGACAACAGGGCACACTGGAAGCAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001107365
Insert Size:	1158 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:	<ol style="list-style-type: none">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:	<u>NM_001107365.1, NP_001100835.1</u>
RefSeq Size:	4597 bp
RefSeq ORF:	1158 bp
Locus ID:	307124
Cytogenetics:	17q12.3