

Product datasheet for **RN216942**

Ceacam20 (NM_001170324) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ceacam20 (NM_001170324) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ceacam20
Synonyms:	RGD1311281
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216942 representing NM_001170324
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGCCTGCTGGCTTCCACGACTGCCGTGGACAGCGATCCTCCTCTCAGCCTCCCTTCTGACCACAT
 GGAACCCCTAGCTGCTGCCAGTTCACCGACCATGCTGAGCTGCTTAGCAACACCCAGATGGAGAGAGC
 TTTACTGGCCAAGCCATCCTCACAGTCCGTACAGCGTGTGTACAGAGCAGAGGGACATGGCAGACTTC
 TACTGTGCCACTAATGCTGTTAACGCCACCATCCACTGGGTCTTCAACAACCTCTGCTCGTGTGAACG
 AGCGCATGAAGCTGTCTGCAGATAACAAGAACCTCACCGTCTCGTGTTCAGCGGGAGGACTCGGGCTC
 TTACTGTGTGAAGTGCAGTCCGGCTTTGAGGTTGGCAGAAGTGACGACACCTTGTGGAGGTGAACAT
 GGTCTGACCCTGTGTCAATCAAGCTGGACTCAGGAGTAGCCACTGGGGACGTGGTTGAGGTGATGGAAG
 GCAACACCGTGAACCTTGGGTGAAACACAGTCTTACCCTGCTCCACCTACACCTGGTATCTCCCCAC
 TGACTCCATCCAGCCCCCCCCATCACAGGACAACTCACGATCCCCGCCATATCCAGGGAACAGGAGGGC
 ATGTACAGGTGCCTGGTGTCCAACACTGTACCAACTCATCTCGTCTAGGTGTTGTCAAAGTCCAAGTGC
 TCGAAAAAGTGACTGCACCGTATATCGAGTCCCCAACCTTGGCCCTTGTGGAGAACGCCACCTCTGTGAT
 GCTGACCTGCAAAACCAGCCACCAGAGGGTTGGTGTCCATTGGTATCTGAGGGGTGAGCCGCTCATGCCCT
 AGTGAGCACCTGACATTGTATCCCAAAACAGAACCTGACCATCCATGGCCCTCAGAGAGACGATTCTG
 GGCCCTATGAGTGTGAGGTGTGGAACGGGGTAGCCAGGCACGCAGTGTCCCTGGAGCTACCATCAA
 CTATGGCCCTGACCAAGTGGACATCACCCAGGGGTGAGCGTCTGGAGTGGTCAACACCATCGAGGCAACG
 CTCAACTCCAGCCTGACCCTGCATTGCTGGGCTGACTCCAAACCAGGTGCCAGGTATCACTGGACCCATG
 AGCACTCTCCAGGTGTTTGTGGCGATCAACTGAACATCGAGGCACTGAGGCAGGAGCATCAGGGCAT
 TTACAGCTGCACAAGCTCCAACAATGTACCCGGCCTGACCCGATCCGCCTCTGTCTGGTACGGTGGT
 GGTCTCCAGTCATCCTCTATGTCTCTGGAGTCATTGCTGGCATTGTTATCGGGATCCTGGCTGCCATTG
 CTTTGGTATAGGGCTGGGCTACTTCTCTACAGCACCAAGGACAGATGGATCCACAGGAGATCAGCTAA
 TGACACAACGACCTCTAATACCGAGCCACCCACCTCTGTGACTCAGAGCACCCAGAGTCCACCAGACCC
 AACAAACCAAGCCTGTATATGACAATATGCTGAAACCAAGGAGAGGACAGAGGTA AAAAGATGCCAT
 CTCCGCCACCTGTCTCCAGAGCACTTCTATGAGAAGAAGCCACCTCCGCAGCTCTGAGGGCCCCAG
 GAAGCCATTGCCCGTATCCCGAAGCAGCATTGGTCCCCCAGTACCAACAGAAACAAAGAGTCAAAT
 TATGAGGCACTGTGAATCCGAACAAAGTCTTTACTGCAAGATCAACCCGTAGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001170324

Insert Size: 1740 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001170324.1](#), [NP_001163795.1](#)

RefSeq Size: 1774 bp

RefSeq ORF: 1740 bp

Locus ID: 292701

Cytogenetics: 1q21