

Product datasheet for **RN203217**

Ceacam3 (NM_012702) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ceacam3 (NM_012702) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ceacam3
Synonyms:	Cea; Ceacam5; Cear; Cgm1; Cgm4; CGM4AA; RATCEAA; RATCGM4AA
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203217 representing NM_012702
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCTGTCTCTGTGCTTCCCTGCAAGAGGTGACTCCCTGGCGGGGCTCCTGCTCACAGCCTCCC
 TCTTAACCTGCTGGCTCCTGCCACCCTGCCCCAAGTCTCCATTGAATCCTTACCACCCAGGTGGTTGA
 AGGAGAAAATGTTCTTCTACGTGTTGACAAATTTGCCAGAGAATTCATAGCCTTTGTCTGGTACAAAGGG
 CTGACAAACATGAGCCTCGGAGTTGCACTGTATTCACTAACCTATAACGTAACCTGTGACGGGACCTGTGC
 ACAGTGGTAGAGAGACATTGTACAGCAATGGTCCCTGTGGATCCAAAATGTCACCCAGAAGGACACAGG
 ATTCTACACCCTACGAACCATAAGTAATCATGGAGAAATGTATCAAATACATCCCTGCACCTTCATGTG
 TACTTCTCCACTTTGACCTGTGGACGCGCTGCCACCTCTGCTCAGCTCAGTATTGAATCAGTGCCGACCA
 GCATCTCTAAAGGAGAAAGCGCTCTTCTCCTTGCTCACAATCTCCAGAGAATCTCCGAGCCATTTTCTG
 GTATAAAGGGGCGATTGTGTTCAAGGACCTTGAGGTTGCTCGATATGTAATAGGCACAAAATCAAGTGTG
 CCGGGGCTGCCACAACGGCAGAGAGACAATGTACAGCAATGGATCCCTCCTGCTTCAGAAATGTCACCT
 GGAACGATGCTGGATTCTACACCTTAAAACTCTGAGTACAGATCTGAAAAGTGAATAGCCTATGTGCA
 ACTCCAGGTGGACACCTGTTTTATGAGCTATGCTGGCCCTCCACTTCTGCCAGCTCACTGTGCAATCA
 GCGCCTACCAGCGTTGCTGAAGGAGCAAGCGTTTCTCCTTGCTCATAATCTCCCTGAGAATCTCCGAG
 CCATTTTCTGGTATAAAGGGGCGATTTTGTTCAGGACCTTGAGGTTGCTCGATATGTAATAGGCACAAA
 TTCAAGTGTGCCGGGCTGCCACAGCGCAGAGAGACAATGCACAGCAATGGATCCCTCCTGCTTCAG
 AATGTCACTCGGAACGATGCTGGATTCTACACCTTAAAGAACTCTGAGTACAGATCTGAAAGCTAAAGTAG
 TACATGTGCAACTCCAGGTGAACACCTCCTCGTGTGACCTCTCACTCCTGCCACCTCAGCATAGAG
 CCAGTGCCACGGCATGCGGCTAAAGGGGAAAGTGTCTTCTTCAAGTTCGCAATCTGCCAGAGGATCTG
 CGAATGTTTATCTGGTTCAAATCTGTGTATACCTCCCAGATCTTAAAAATAGCAGAGTACAGCAGAGCCA
 TTAATTACGTCTTCAGGGGCCCTGCACACAGCGGAAGAGAGACAGTGTACACGAATGGATCCCTGCTGCT
 CCAGGATGCCACTGAGAAAGACACAGGCTTGTACACACTACAAATAATATACAGAAATTTCAAATTTGAA
 ACAGCACACGTTCAAGTCAAGTGCACACCTGTGTTACCCTTCTACCACTGGCCAGCTTGTAAATCGAAT
 CGGTGCCACCCAATGTTGTTGAAGGGGAGACGTTCTCCTACTTGTTCATAATATGCCAGAGAACCTTCA
 ATCCTTTTCTGGTACAAAGCGTAGCCATTGTCAACAGACATGAAATCTCTCGGAACATAATAGCCAGT
 AATAGAAGCACATTGGGGCTGCTCACAGTGGCAGAGAGACAATATATTCTAATGGCTCTCTTCTGCTCC
 ACAATGCCACCGAGGAGACAATGGATTATACACCTTATGGACTGTAAACAGACATTCTGAAACTCAAGG
 GATACACGTGCACATCCACATATAACAAGCTGTGGCACAGCCCTTATCCGAGTCACTGAATCCTCAGTC
 AGAGTGAAGAGCTCTGTGGTCTCACCTGCCTCTCAGCTGACACTGGAACCTCCATCCAGTGGCTTTCA
 ACAACCAGAACTGCGGCTCACACAGAGGATGTTGCTGTCCCAGACTAAGTGCCAACTCAGCATAGATCC
 CGTCAGGAGGGAGGATGCTGGAGAGTATAGGTGTGAGGTCTCCAACCCGGTCAGTTCGAAGACGAGCCTC
 CCAGTCAGCCTGGATGTGATCATTGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012702
Insert Size: 2130 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_012702.2</u> , <u>NP_036834.2</u>
RefSeq Size:	3043 bp
RefSeq ORF:	2130 bp
Locus ID:	24926
Cytogenetics:	1q21
Gene Summary:	carcinoembryonic antigen related molecule that may function as a receptor; belongs to immunoglobulin superfamily [RGD, Feb 2006]