

## Product datasheet for RC237032

### CEACAM7 (NM\_001291485) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CEACAM7 (NM_001291485) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CEACAM7
Synonyms:	CGM2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC237032 representing NM_001291485 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC

ATGGGGTCCCCTTCAGCCTGTCCATACAGAGTGTGCATTCCCTGGCAGGGGCTCCTGCTCACAGCCTCGC  
TTTTAACCTTCTGGAACCTGCCAACAGTGCCAGACCAATATTGATGTCGTGCCGTTCAATGTCGCAGA  
AGGGAAGGAGGTCCTTCTAGTAGTCCATAATGAGTCCCAGAATCTTTATGGCTACAACCTGGTACAAAGG  
GAAAGGGTGCATGCCAACTATCGAATTATAGGATATGTAAAAATATAAGTCAAGAAAATGCCCCAGGGC  
CCGCACACAACGGTCGAGAGACAATATACCCCAATGGAACCTGCTGATCCAGAACGTCACCCACAATGA  
CGCAGGAATCTATACCCTACACGTTATAAAGAAAATCTTGTGAATGAAGAAGTAAACAGACAATTCTAC  
GTATTCTCGGAGCCACCAAGCCCTCCATCACCAGCAACAACCTCAATCCGGTGGAGAACAAGATATTG  
TGGTTTTAACCTGTCAACCTGAGACTCAGAACAACCTACCTGTGGTGGTAAACAATCAGAGCCTCCT  
GGTCAGTCCCAGGCTGCTGCTCTCCACTGACAACAGGACCCTCGTTCTACTCAGCGCCACAAAGAATGAC  
ATAGGACCCTATGAATGTGAAATACAGAACCCAGTGGGTGCCAGCCGAGTGACCCAGTCACCCCTGAATG  
TCCGCTATGAGTCAGTACAAGCAAGTTCACCTGACCTCTCAGCTGGGACCCTGTGAGCATCATGATTGG  
AGTACTGGCTGGGATGGCTCTGATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

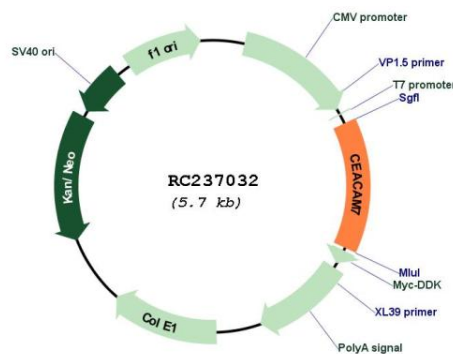


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- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
- Reconstitution Method:**
1. Centrifuge at 5,000xg 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\\_001291485.2](#)
- RefSeq Size:** 2379 bp
- RefSeq ORF:** 798 bp
- Locus ID:** 1087
- UniProt ID:** [Q14002](#)
- Cytogenetics:** 19q13.2
- MW:** 29.8 kDa
- Gene Summary:** This gene encodes a cell surface glycoprotein and member of the carcinoembryonic antigen (CEA) family of proteins. Expression of this gene may be downregulated in colon and rectal cancer. Additionally, lower expression levels of this gene may be predictive of rectal cancer recurrence. This gene is present in a CEA family gene cluster on chromosome 19. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015]

### Product images:



Circular map for RC237032