

Product datasheet for **RG217469**

CEACAM3 (NM_001815) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CEACAM3 (NM_001815) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CEACAM3
Synonyms:	CD66D; CEA; CGM1; W264; W282
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG217469 representing NM_001815 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**

ATGGGGCCCCCTCAGCCTCTCCACAGAGAATGCATCCCTGGCAGGGGCTTCTGCTCACAGCCTCAC
TTCTAACTTCTGGAACCCGCCACCCTGCAAGCTCACTATTGAATCCATGCCGCTCAGTGTGCAGAG
GGGAAGGAGGTGCTTCTACTTGTCCACAATCTGCCCCAGCATCTTTTGGCTACAGCTGGTACAAAGG
GAAAGAGTGGATGGCAACAGTCTAATTGTAGGATATGTAATAGGAACTCAACAAGCTACCCAGGGGCC
CATAACAGCGGTGAGAGACAATATACCAATGCATCCCTGCTGATCCAGAAATGTCACCCAGAATGACAT
AGGATTCTACACCCTACAAGTCATAAAGTCAGATCTTGTGAATGAAGAAGCAACTGGACAGTTCCATGTA
TACCAAGAAAATGCCCGAGCCTTCTGTGGGGCCGTCGCCGGCATCGTGACCGGGTCTGGTCGGAG
TGGCGCTGGTGGCCGCGCTGGTGTGTTTCTGCTCCTTGCCAAAAGTGAAGAACCAGCATCCAGCGTGA
CCTCAAGGAGCAGCAGCCCCAAGCCCTTGGCCCTGGCCGTTGGTCCCTCCACAGCTCTGCCTTCTCGATG
TCCCCTCTCTCCACTGCCAGGCCCTTACCAACCCAGGACAGCAGCTTCCATCTATGAGGAATTGC
TAAACATGACACAAACATTTACTGCCGGATGGACCACAAAGCAGAAGTGGCTTCT

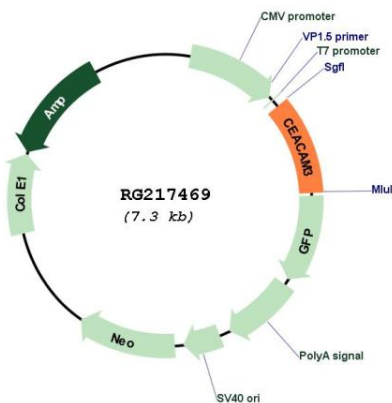
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

- 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_001815.5](#)
- RefSeq Size:** 1151 bp
- RefSeq ORF:** 759 bp
- Locus ID:** 1084
- UniProt ID:** [P40198](#)
- Cytogenetics:** 19q13.2
- Protein Families:** Transmembrane
- Gene Summary:** This gene encodes a member of the family of carcinoembryonic antigen-related cell adhesion molecules (CEACAMs), which are used by several bacterial pathogens to bind and invade host cells. The encoded transmembrane protein directs phagocytosis of several bacterial species that is dependent on the small GTPase Rac. It is thought to serve an important role in controlling human-specific pathogens by the innate immune system. Alternatively spliced transcript variants have been described. [provided by RefSeq, Mar 2013]

Product images:



Circular map for RG217469