

Product datasheet for **RC211793**

CEACAM21 (NM_001098506) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CEACAM21 (NM_001098506) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: CEACAM21
Synonyms: CEACAM3; R29124_1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC211793 representing NM_001098506
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGGCCCCCTCAGCTTGTCCCCACAGAGAATGCATCCCCTGGCAGGGGCTCTTGCTCACAGCCTCAC
TTTTAACTTTCTGGAACGCACCCACCACTGCCTGGCTCTTTATTGCATCAGCGCCCTTTGAAGTTGCTGA
AGGGGAGAATGTTTCATCTCTGTGTTTATCTGCCCAGAAATCTTACAGCTATGGCTGGTACAAAGGG
AAAACGGTGGAGCCCAACCAGCTAATCGCAGCATATGTAATAGACTCAGTTAGGACTCCAGGGCCTG
CATAACGCGTGCAGAGACAATATCACCCAGTGGAGATCTGCATTTCCAGAACGTCACCCTAGAGGACAC
GGGATACTACAACCTACAAGTCACATACAGAAATTCTCAGATTGAACAGGCATCTCACCATCTCCGTGTA
TACGAGTCAGTGGCTCAGCCCTCCATCCAAGCCAGCAGCACCACAGTCACAGAGAAGGGCTCCGTGGTCC
TGACCTGCCACACAAATAACACTGGAACCTCTTCCAGTGGATTTTCAACAACCAGCGTCTGCAGGTCAC
GAAGAGGATGAAGCTGCCTGGTTAAACCATGTGCTCACCATAGACCCCATCAGGCAGGAGGACGCTGGG
GAGTATCAGTGTGAGGTCTCAACCCAGTCAGTCCAACAGGAGCGACCCCTCAAGCTGACTGTAAAT
CAGATGACAACACTTAGGCATCCTGATCGGGTCTGGTGGGAGTCTTCTGGTGGCTGCACCTGTGTG
TTTCTGCTCCTCGAAAACTGGCAGGGCCAGCGATCAGAGTGACTTCAGGGAGCAGCAGCCCCAGCC
TCCACCCCGGCCATGGACCCTCTGACAGCTCCATCTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC211793 representing NM_001098506
 Red=Cloning site Green=Tags(s)

MGPPSACPHRECIPWQGLLLTASLLTFWNPATTAWLFIASAPFEVAEGENVHLSVVYLPENLYSYGWYKG
 KTVEPNQLIAAYVIDTHVRTPGPAYSGRETISP SGLHFQNVLTLEDTGYYNLQVTVRNSQIEQASHHLRV
 YESVAQPSIQASSTTVTEKGSVVL TCHTNNTGTSFQWIFNNQRLQVTKRMKLSWFNHVLTIDPIRQEDAG
 EYQCEVSNPVSSNRSDPLKLTVKSDNTLGILIGVLVGSLLVAALVCFLLLRKTGRASDQSDFREQQPPA
 STPGHGPSDSSIS

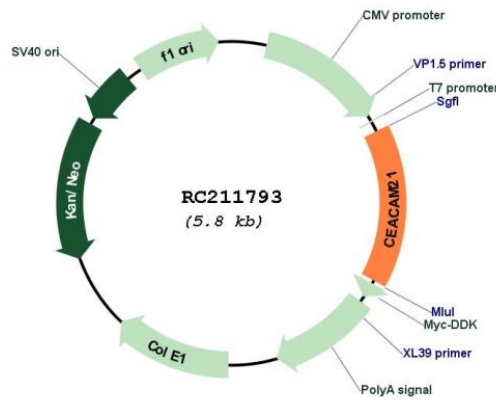
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001098506

ORF Size: 879 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001098506.4
RefSeq Size:	1378 bp
RefSeq ORF:	882 bp
Locus ID:	90273
UniProt ID:	Q3KPI0
Cytogenetics:	19q13.2
Protein Families:	Transmembrane
MW:	32.2 kDa