

## Product datasheet for **RG215862**

### CEACAM19 (NM\_020219) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CEACAM19 (NM_020219) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CEACAM19
Synonyms:	CEACM19; CEAL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG215862 representing NM_020219 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**

ATGGAGATCCCATGGGGACCCAGGGCTGCTTCTCAAAGAGCCTCCTGCTCTCAGCCTCAATCCTGGTCC  
TCTGGATGCTCCAAGGCTCCAGGCAGCTCTACATCCAGAAGATTCAGAGCAGCCTCAAAGAACCA  
GGACCTTCTCCTGTCAGTCCAGGGTGTCCAGACACCTTCCAGGACTTCAACTGGTACCTGGGGAGGAG  
ACGTACGGAGGCACGAGGCTATTACCTACATCCCTGGGATACAACGGCCTCAGAGGGATGGCAGTGCCA  
TGGGACAGCGAGACATCGTGGGCTTCCCAATGGTTCCATGCTGCTGCGCCGCGCCAGCCTACAGACAG  
TGGCACCTACCAAGTAGCCATTACCATCAACTCTGAATGGACTATGAAGGCCAAGACTGAGGTCCAGGTA  
GCTGAAAAGAATAAGGAGCTGCCAGTACACACCTGCCACCAACGCTGGGATCCTGGCGCCACCATCA  
TTGGATCTCTTGCTGCCGGGGCCCTTCTCATCAGCTGCATTGCCTATCTCCTGGTGACAAGGAACCTGGAG  
GGGCCAGAGCCACAGACTGCCTGCTCCGAGGGGCCAGGGATCTCTGTCCATCTTGCTCGGCTGTATCC  
CCAGTGCCTTCAGTGACGCCACAGCATGGATGGCGACCACAGAGAAGCCAGAATTGGGCCCTGCTCATG  
ATGCTGGTGACAACAACATCTATGAAGTGATGCCCTCTCCAGTCTCCTGGTGTCCCCATCAGTGACAC  
AAGGTCCATAAACCCAGCCCGCCCTGCCACACCCACACCTGCAGGCGGAGCCAGAGAACCACCCAG  
TACCAGCAGGACCTGCTAAACCCGACCCTGCCCTACTGCCAGCTGGTGCCAACTTCC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG215862 representing NM\_020219  
Red=Cloning site Green=Tags(s)

MEIPMGTQGCFSKSLLLSASILVLWMLQGSQAALYIQKIPEQPQKNQDLLLSVQGVPTDFQDFNWYLGEE  
 TYGGTRLFTYIPGIQRPQRDGSAMGQRDIVGFNGSMLLRRMQPTDSGTQVAITINSEWTMKAKTEVQV  
 AEKNKELPSTHLPNAGILAATIIGSLAAGALLISCIAYLLVTRNWRGQSHRLLPAPRGQGSLSILCSAVS  
 PVPSVTPSTWMMATTEKPELGAHDAGDNNIYEVMPSPVLLVSPISDTRSINPARLPTPPHLQAEPEHQ  
 YQQDLLNPDPAAPYQCLVPTS

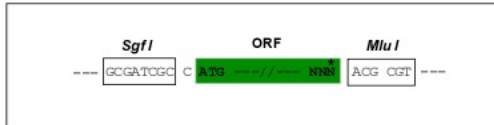
TRTRPLE - GFP Tag - V

**Restriction Sites:**

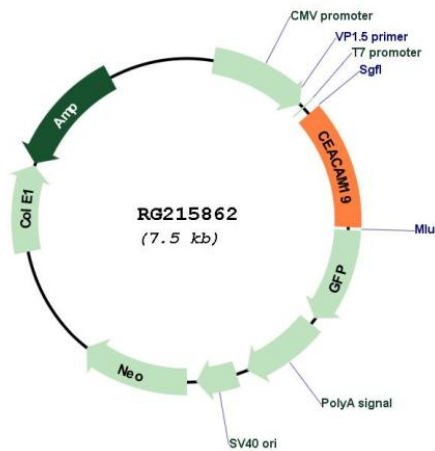
SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**Plasmid Map:**



**ACCN:** NM\_020219

**ORF Size:** 900 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_020219.3</a> , <a href="#">NP_064604.2</a>
<b>RefSeq Size:</b>	1863 bp
<b>RefSeq ORF:</b>	903 bp
<b>Locus ID:</b>	56971
<b>UniProt ID:</b>	<a href="#">Q7Z692</a>
<b>Cytogenetics:</b>	19q13.31
<b>Protein Families:</b>	Transmembrane