

Product datasheet for **RG236198**

CEACAM21 (NM_001290113) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CEACAM21 (NM_001290113) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: CEACAM21
Synonyms: CEACAM3; R29124_1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236198 representing NM_001290113.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCCCAAGACACTTTCTGTTGGTCACTCTATCCACAGAGTCAGTGGCTCAGCCCTCCATCCAAGCC
AGCAGCACACAGTCACAGAGAAGGGCTCCGTGGTCTGACCTGCCACACAAATAACACTGGAACCTCT
TTCCAGTGGATTTCAACAACCAGCGTCTGCAGGTCACGAAGAGGATGAAGCTGCTCTGGTTAACCAT
GTGCTCACCATAGACCCCATCAGGCAGGAGGACGCTGGGGAGTATCAGTGTGAGGTCTCAACCCAGTC
AGCTCCAACAGGAGCGACCCCTCAAGCTGACTGTAAAAATGACAACACTCTAGGCATCCTGATCGGG
GTCTGTTGGGAGTCTTCTGGTGGCTGCCTTGTGTTCCTGCTCCTCCGAAAACTGGCAGGGCC
AGCGATCAGAGTGACTTCAGGGAGCAGCAGCCCCAGCCTCCACCCCGGCCATGGACCCTCTGACAG
TCCATCTCC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236198
Blue=ORF Red=Cloning site Green=Tag(s)

```
MAPRHLLVTLSTESVAQPSIQASSTTVTEKGSVVLTCHTNNTGTSFQWIFNNQRLQVTKRMKLSWFNH
VLTIDPIRQEDAGEYQCEVSNPVSSNRSDPLKLVKYDNTLGILIGVLVGSLLVAALVCFLLLRKTRGA
SDQSDFREQQPPASTPGHGPSDSSIS
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

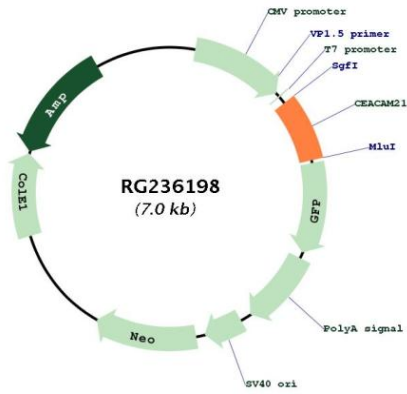
Restriction Sites: Sgfl-MluI



Cloning Scheme:


- ACCN: NM_001290113
- ORF Size: 492 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).
- RefSeq: [NM_001290113.2](#)
- RefSeq Size: 1458 bp
- RefSeq ORF: 495 bp
- Locus ID: 90273
- UniProt ID: [Q3KPI0](#)
- Cytogenetics: 19q13.2
- Protein Families: Transmembrane
- MW: 18.4 kDa

Product images:



Circular map for RG236198