

Product datasheet for **RG237821**

CEACAM18 (NM_001278392) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CEACAM18 (NM_001278392) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CEACAM18
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237821 representing NM_001278392. Blue=ORF Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
ATGGACCTTTCCAGACCCAGATGGAGCCTGTGGAGGAGGGTCTTCCTCATGGCCAGTCTGCTGGCCTGT
GGGATCTGCCAGGCCTCTGGCCAAATCTTCATCACCCAAACCTGGGGATCAAGGGATATCGGACTGTC
GTGGCCCTGGATAAGGTCCCTGAGGATGTTGAGGAATACAGCTGGTACTGGGGTGCAAACGACAGCGCA
GGAAACATGATTATCAGCCACAAACCGCCAGTGCCAGCAGCCTGGGCCCATGTACACTGGCAGGGAG
AGAGTGAACAGAGAAGGCAGCCTGTTGATCAGGCCGACTGCATTAAATGACACGGGAAACTACACTGTT
CGGGTGGTTGCAGGCAATGAGACCCAAAGAGCAACCGGCTGGCTGGAGGTTCTAGAGTTGGGAAGCAAT
CTGGGCATCTCCGTCAATGCCAGCTCCCTGGTGGAGAACATGGATTCTGTGGCTGCTGACTGCCTCACA
AATGTCACCAACATCACGTGGTATGTGAATGATGTGCCTACCTCTAGTAGTGACCGGATGACAATTTCC
CCAGACGGCAAGACCCCTCGTCATCCTCAGGGTCAGCCGCTATGACAGAACAATTCAGTGATGATAGAG
AGTTTCCAGAGATCTTTCAGAGAAGTGAACGCATCTCTGACTGTGGCCTATGGGCCCGACTATGTG
CTGCTGAGGAGCAATCCTGATGATTTCAACGGCATTGTGACAGCTGAGATCGGCTCCCAAGTGAAATG
GAGTGTATCTGCTATTCCTTCTGGATCTCAAGTACCACTGGATCCACAATGGCTCCCTCCTGAACCTC
TCAGATGCAAAGATGAACCTCTCGAGTCTTGCCTGGGAGCAGATGGGCCGTTACCGATGCACTGTGGAG
AACCCCGTGACACAGCTGATCATGTACATGGACGTCAGGATCCAGGCCCCCATGAGTGTCTCTTCTCT
TCAGGGATCTTACCTGTTGTCCACAGAGATTTCTCCATCTCAGGATCCATGGTGTGTTCTCTCATCATG
CTGACAGTGCTGGGTGGCGTTTACATCTGTGGAGTCTGATCCATGCTCTGATCAACCACTACTCAATC
AGGACAAATCGGGCTCCA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC



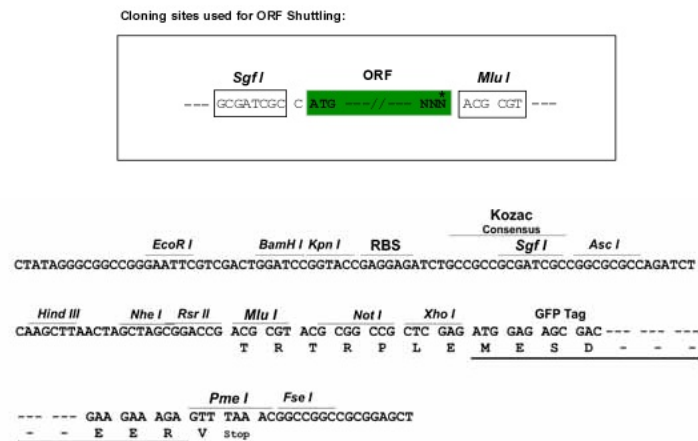
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Protein Sequence: >Peptide sequence encoded by RG237821
 Blue=ORF Red=Cloning site Green=Tag(s)

MDLSRPRWSLWRRVFLMASLLACGICQASGQIFITQTLGIKGYRTVVALDKVPEDVQEYSWYWGANDSA
 GNMIISHKPPSAQQPGMYTGRERVNREGSLIRPTALNDTGNYTVRVVAGNETQRATGWLEVLGSLN
 LGISVNASSLVNMDSVAADCLTNVTNITWYVNDVPTSSSDRMTISPDGKTLVILRVSRDRTIQCMIE
 SFPEIFQRSERISLTVAYGPDYVLLRSNPDDFNGIVTAEIGSQVEMECICYSFLDLKYHWIHNGSLLNF
 SDAKMNLSSLAWEQMGRYRCTVENPVTQLIMYMDVRIQAPHECPLPSGILPVVHRDFSISGSMVMFLIM
 LTVLGGVYICGVLIALINHYISIRTNRAP
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPGYPENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNTVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001278392

ORF Size: 1139 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](#)

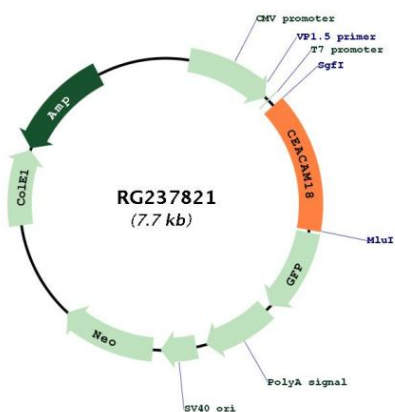
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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).

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001278392.1, NP_001265321.1
 RefSeq Size: 1125 bp
 RefSeq ORF: 1125 bp
 Locus ID: 729767
 Cytogenetics: 19q13.41
 MW: 42.3 kDa

Product images:



Circular map for RG237821