

Product datasheet for **RG236865**

C21orf7 (MAP3K7CL) (NM_001286634) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C21orf7 (MAP3K7CL) (NM_001286634) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C21orf7
Synonyms:	C21orf7; HC21ORF7; TAK1L; TAKL; TAKL-1; TAKL-2; TAKL-4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG236865 representing NM_001286634. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGTTCAGCTGATTGCACCTTTAGAAGTTATGTGGAACGAGGCAGCAGATCTTAAGCCCCTTGCTCTG
TCACGCAGGCTGGAATGCAGTGGTGAATCATGGCTCACTACAGCCCTGACCTCCTGGGCCAGAGATG
GAGTCTCGCTATTTTCCCAGGTTGGTCTTGAACACCTGGCTTCAAGCAGTCCTCTGCTTTTGGCTTC
TTGAAGTGCTTGGATTACAGTATTTTCAAGTTTATGCTCTGCAACAAGTTTGGCCATGTTGGAGGACAAT
CCAAAGGTCAGCAAGTTGGCTACTGGCGATTGGATGCTCACTCTGAAGCCAAAGTCTATTACTGTGCC
GTGAAATCCCCAGCTCCCTCTGGATGATACACCCCTGAAGACTCCATTCTTTGGTCTTCCAGAA
TTAGACCAGCAGCTACAGCCCTGCCGCTTGTGATGACTCCGAGGAATCCATGGAGGTGTTCAAACAG
CACTGCCAAATAGCAGAAGAATACCATGAGGTCAAAAAGGAAATCACCCCTGCTTGAGCAAAGGAAGAAG
GAGCTCATTGCCAAGTTAGATCAGGCAGAAAAGGAGAAGTGGATGCTGCTGAGCTGTTTCGGGAATTC
GAGGCTCTGACGGAGGAGAATCGGACGTTGAGGTTGGCCAGTCTCAATGTGTGGAACAACCTGGAGAAA
CTTCGAATACAGTATCAGAAGAGGCAGGGCTCGTCC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG236865
 Blue=ORF Red=Cloning site Green=Tag(s)

MVQLIAPLEVMWNEAADLKPLALSRRLECSGGIMAHYSPDLLGPEMESRYFAQVGLLEHLASSPPAFGF
 LKCLDYSISVLCSATSLAMLEDNPKVSKLATGDWMLTLKPKSITVPVEIPSSPLDDTPPEDIPLVFPE
 LDQQLQLPPCHDSEESMEVFQKQHCQIAEEYHEVKKEITLLEQRKKELIAKLDQAEKEKVDAAELVREF
 EALTEENRTLRLAQSQCVEQLEKLRIQYQKRQSS
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPE
 SVIFTDKIIRSNAVHHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001286634

ORF Size: 726 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).

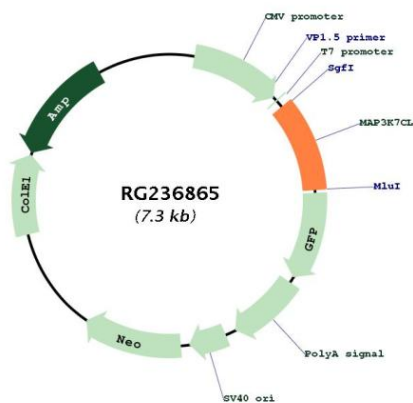
RefSeq: [NM_001286634.2](#)

RefSeq Size: 2031 bp

RefSeq ORF: 729 bp

Locus ID: 56911
 UniProt ID: [P57077](#)
 Cytogenetics: 21q21.3
 Protein Families: Transcription Factors
 MW: 27.2 kDa

Product images:



Circular map for RG236865