

## Product datasheet for **RG236002**

### **C21orf7 (MAP3K7CL) (NM\_001286618) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** C21orf7 (MAP3K7CL) (NM\_001286618) 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:** >RG236002 representing NM\_001286618.  
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATCAGCACAGCCAGGGTACCTGCTGACAAGCCTGTACGCATCGCCTTTAGCCTCAATGACGCCTCA
GATGATACACCCCTGAAGACTCCATTCCTTTGGTCTTTCCAGAATTAGACCAGCAGCTACAGCCCTG
CCGCCTTGTCATGACTCCGAGGAATCCATGGAGGTGTTCAAACAGCACTGCCAAATAGCAGAAGAATAC
CATGAGGTCAAAAAGGAAATCACCTGCTTGGAGCAAAGGAAGAAGGAGCTCATTGCCAAGTTAGATCAG
GCAGAAAAGGAGAAGGTGGATGCTGCTGAGCTGGTTCGGGAATTCGAGGCTCTGACGGAGGAGAATCGG
ACGTTGAGGTTGGCCAGTCTCAATGTGTGGAACAACCTGGAGAACTTGAATACAGTATCAGAAGAGG
CAGGGCTCGTCC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

**Protein Sequence:** >Peptide sequence encoded by RG236002  
Blue=ORF Red=Cloning site Green=Tag(s)

```
MISTARVPADKPVRIAFSLNDASDDTPPEDIPLVFPELDQQLQPLPPCHDSEESMEVFKQHCQIAEEY
HEVKKEITLLEQRKKELIAKLDQAEKEKYDAAELVREFEALTEENRTLRLAQSQCVEQLEKLRIQYQKR
QGSS
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSDSHMHFSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

**Restriction Sites:** SgfI-MluI



**Cloning Scheme:**


**ACCN:** NM\_001286618

**ORF Size:** 426 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\\_001286618.2](#)

**RefSeq Size:** 2140 bp

**RefSeq ORF:** 429 bp

**Locus ID:** 56911

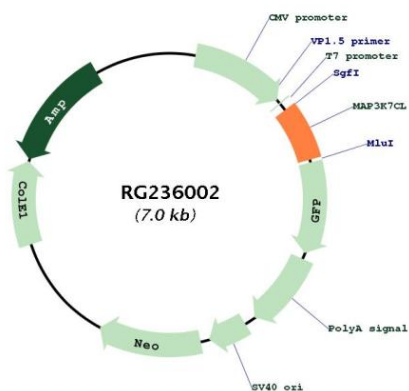
**UniProt ID:** [P57077](#)

**Cytogenetics:** 21q21.3

**Protein Families:** Transcription Factors

**MW:** 16.8 kDa

Product images:



Circular map for RG236002