

Product datasheet for **RG212541**

C21orf7 (MAP3K7CL) (NM_020152) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C21orf7 (MAP3K7CL) (NM_020152) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	MAP3K7CL
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:	>RG212541 representing NM_020152 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTTCAGCTGATTGCACCTTTAGAAGTTATGTGGAACGAGGCAGCAGATCTTAAGCCCCTTGCTCTGT
CACGCAGGCTGGAATGCAGTGGTGAATCATGGCTCACTACAGCCCTGACCTCCTGGGCCAGAGATGGA
GTCTCGCTATTTGCCAGGTTGGTCTTGAACACCTGGCTCAAGCAGTCTCTGCTTTTGGCTTCTTG
AAGTGCTTGGATTACAGTATTTAGTTTATGCTCTGCAACAAGTTGGCCATGTTGGAGGACAATCCAA
AGGTCAGCAAGTTGGCTACTGGCGATTGGATGCTCACTCTGAAGCCAAAGTCTATTACTGTGCCCGTGA
AATCCCCAGTCCCCTCTGGATGATACCCCCCTGAAGACTCCATTCCTTTGGTCTTTCCAGAATTAGAC
CAGCAGCTACAGCCCCTGCCGCTTGTCTGACTCCGAGGAATCCATGGAGGTGTTCAAACAGCACTGCC
AAATAGCAGAAGAATACCATGAGGTCAAAAAGGAAATCACCTGCTTGAGCAAAGGAAGAAGGAGCTCAT
TGCCAAGTTAGATCAGGCAGAAAAGGAGAAGGTGGATGCTGCTGAGCTGGTTCGGGAATTCGAGGCTCTG
ACGGAGGAGAATCGGACGTTGAGGTTGGCCAGTCTCAATGTGTGGAACAACCTGGAGAACTTCCAATAC
AGTATCAGAAGAGGCAGGGCTCGTCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG212541 representing NM_020152
 Red=Cloning site Green=Tags(s)

MVQLIAPLEVMWNEAADLKPLALSRRLECSGGIMAHYSPDLLGPEMESRYFAQVGLLEHLASSPPAFGFL
 KCLDYSISVLCSATSLAMLEDNPKVSKLATGDWMLTLKPKSITVPVEIPSSPLDDTPPEDIPLVFPELD
 QQLQPLPPCHDSEESMEVFKQHCQIAEEYHEVKKEITLLEQRKELIAKLDQAEKEKVDAEELVREFEAL
 TEENRTLRLAQSQCVEQLEKLRIQYQKRQGSS

TRTRPLE - GFP Tag - V

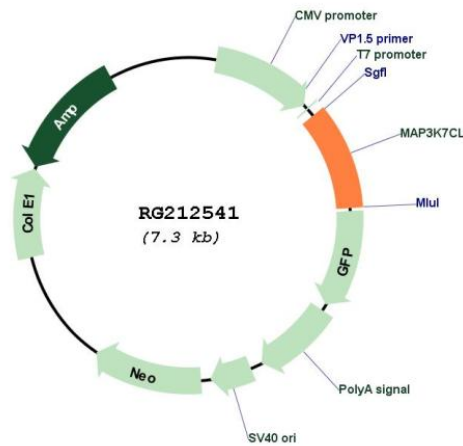
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_020152

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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	NM_020152.4
RefSeq Size:	1997 bp
RefSeq ORF:	729 bp
Locus ID:	56911
UniProt ID:	P57077
Cytogenetics:	21q21.3
Protein Families:	Transcription Factors