

Product datasheet for **RG238354**

MAP3K19 (NM_001282883) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAP3K19 (NM_001282883) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	MAP3K19
Synonyms:	RCK; YSK4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG238354 representing NM_001282883. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGTTCTATGCCAAAACAGAAAGACATGCTGAGTCATTGCTTGACATTTGTCATGATACAAACTCT
TCTCCAAGTATTTGATGACAGTTACCAAAAATCAAACATCATCTTGCAAAGCATCAGCAGAAGTGAG
GAGTTCGACCAAGATGGTACTGACGTCATTCCACTGGTTAATGAAGAAGAAGATCCCAGTGGTGGT
AGACAGGACTGGCAACCCAGGACAGAAGGTGTTGAGATCACTGTAACTTTCCAAGAGATGTCAGTCTC
CCCCAAGAAATGAGCCAAGAAGACTTAAAAGAAAAGAATCTGATAAACTCATCGCTTCAAGAATGGCA
CAAGCACATGCAGTTTTCATCCAAATGAAATAGAAACGGTGGAGCTCAGGAAAAAGAAGCTGACCATG
CGGCCCTTAGTTTTGCAAAAAGAGGAAAGTTCCAGGGAGCTCTGCAATGTGAACCTGGGCTTTTTGCTA
CCAAGATCTTGTTTGAAGTGAACATTTCCAAGTCTGTAACCAGAGAAGATGCTCCTCATTTTTCTGAAG
GAGCAGCAAAGAAAATCTGAAGAGTTTTCGACCTCTCATATGAAGTACAGTGGCCGAAGCATCAAGGTA
TACTGTGGTCTCACTAGTCAAGGACAGCTAATAGCTGTAAAACAGGTGGCTTTGGATACCTCTAATAAA
TTAGCTGCTGAAAAGGAATACCGGAAACTACAGGAAGAAGTAGATTTGCTCAAAGCACTGAAACATGTC
AACATTGTGGCCTATTTGGGGACATGCTTGCAAGAGAACACTGTGAGCATTTTTCATGGAGTTTGTTCCT
GGTGGCTCAATCTCTAGTATTATAAACCGTTTTGGGCCATTGCCTGAGATGGTGTCTGTAATATACG
AAACAAATACTCAAGGTGTTGCTTATCTCCATGAGAAGTGTGTTGATACATCGCATATCAAAGGAAAT
AATGTTATGCTCATGCCAACTGGAATAATAAAGCTGATTGACTTTGGCTGTGCCAGGCGTTTGGCCTGG
GCAGGTTTAAATGGCACCCACAGTGACATGCTTAAAGTCCATGCATGGGACTCCATATTGGATGGCCCCA
GAAGTCATCAATGAGTCTGGCTATGGACGGAAATCAGATATCTGGAGCATTGGTTGACTGTGTTTGGAG
ATGGCTACAGGGAAGCCTCCACTGGCTTCCATGGACAGGATGGCCGCCATGTTTTACATCGGAGCACAC
CGAGGGCTGATGCCTCCTTACCAGACCACTTCTCAGAAAATGCAGCAGACTTTGTGCGCATGTGCCTG
ACCAGGGACCAGCATGAGCGACCTTCTGCTCTCCAGCTCTGAAGCACTCCTTCTGGAGAGAAGTCAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG238354
 Blue=ORF Red=Cloning site Green=Tag(s)

MSSMPKPERHAESLLDICHDTNSSPTDLMTVTKNQNIILQSIISRSEEFDQDGDGDCSHSTLVNEEDPSGG
 RQDWQPRTEGVEITVTFPRDVSPPEMSQEDLKEKNLINSLLQEWAAHVSHPNEIETVELRKKKLT
 RPLVLQKEESSRELCNVNLGFLLRSCLELNISKSVTREDAPHFLKEQQRKSEEFSTSHMKYSGRSIKV
 YCGLTSQGQLIAVKQVALDTSNKLAAEKEYRKLQEEVDLLKALKHVNIVAYLGTCLQENTVSIFMEFVP
 GGSISSIINRFGLPEMVFCKYTKQILQGVAYLHENCVHRDIKGNVMLMPTGIKLIIDFGCARRLAW
 AGLNGTHSDMLKSMHGTPYWMAPEVINESGYGRKSDIWSIGCTVFEMATGKPLASMDRAMAMFYIGAH
 RGLMPPLPDHSENAADFVRMCLTRDQHERPSALQLLKHSFLERSH
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001282883

ORF Size: 1380 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](#)

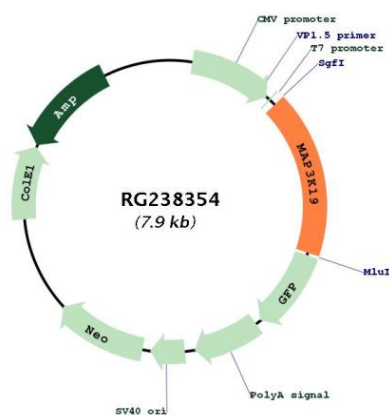
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001282883.1](#), [NP_001269812.1](#)

RefSeq Size: 1783 bp
 RefSeq ORF: 1383 bp

 Locus ID: 80122
 UniProt ID: [Q56UN5](#)
 Cytogenetics: 2q21.3
 Protein Families: Druggable Genome, Protein Kinase
 MW: 52.4 kDa

Product images:


Circular map for RG238354