

## Product datasheet for **RN212785**

### Map4k2 (NM\_001106329) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Map4k2 (NM_001106329) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Map4k2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN212785 representing NM\_001106329  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCCCACCCCAATGTTGTGGCCTACATTGGCAGCTACCTCAGGTGAGGTTGTTTATCTTCTTACCCC  
 AGAAAGCCCTTGTGTCTGCTGCATTGTGCCAGCCCAACTCTGTCTCCCCAGGAATGACCGCTTGTGGAT  
 ATGTATGGAGTTCTGTGGAGGAGGGTCACTGCAGGAGATTTACCACGCCACCGGGCCCTGGAAGAACGG  
 CAGATTGCCTATGTTTCCGGGAGGCACTGAAGGGGCTCCACCACCTGCATTCTCAGGGGAAAATTCACC  
 GAGACATTAAGGGTGCCAATCTTCTGCTCACTCTGCAGGGTGTGTCAAGCTAGCGGACTTTGGAGTGTC  
 AGGCGAGTTGACAGCATCTGTGGCCAAGAGGGCTCTTTCATTGGCACTCCATACTGGATGGCACCAGAG  
 GTTGTCTGTGTGGAACGCAAGGGTGGCTACAATGAGCTGTGTGACGTCTGGGCCCTGGGCATCACTGCCA  
 TTGAGCTGGGCGAGCTGCAACCACCGCTGTTCCACCTCCACCCCATGAGGGCCTTGATGCTCATGTGCAA  
 AAGCAGCTTCCAACCACCAAGCTGAGAGACAAGACACGATGGACCCAGACTTTCCACCCTTCCCTCAAG  
 CTAGCCCTAACCAAGAACCCCAAGAAGAGGCTACAGCTGAGAAGCTTCTGCAGCACCCATTACAAACCC  
 AGCCACTCCCTCCAGCCCTCCTTACCCAGCTCCTCGACAAGGCCAGCGACCCCACTTGGGAACCCCTCTC  
 CCCTGAAGACAGTGAAGTGGAGACCCACGATATGTTTCCAGACACCATCCATTCCCGGGGCCATCATGGT  
 CCAGCTGAGAGGACCCCTCCGAGATCCAATTTACCAAGTGAATTTGGTGTCTCTCGCCGAAAGAGA  
 CAGACCTCTCAGTGAACCGTGGGAGGAGGAGTGGACATTCCTGGGAAAGAAGAACTGAGTAGGAGCTT  
 GCTGCAGTCAGTCCAGGAGGCCCTGGAGGAAAGGAGCCTGACTATCCGGCCAGCCATAGAAGTCCAGGAG  
 CTGGACTCCCCAGATGATGCCATTGGAATATCAAACGGGCCCATTTATGGGACTGCCCCACACTGAGT  
 CAACATCTGATGACAATGCCAGTCTTGTCTCCAGGAACCTGTGACGACCTCCAGCTGGCCCTGACG  
 CCCCCACTGCTGCCAAGTGCCTGGGCGACTCTGAAGCAACGGGAGGATCATGAGCGATCATCCTGCCAT  
 GGTCTTCTCCCAACCCCAAGGTGCACATGGGTGCCTGCTTCTCAAGGCTTCAATGGTGCACCCCTGC  
 AGATCCATGCTGTGCTCACTTGGGTTACCCCTGTGACTCGAGACCAGTTCCTGGTGGTAGGGGCTGAGGA  
 AGGCATCTACACCCTCAACCTTCATGAAGTGCATGAGGATACGCTGGAGAAGCTCATCTCCCATCGTGC  
 ATCTGGCTCTACTGTGTAATAATGTGTTGCTGTCACTCTCAGGGAAATCCACACATATCTGGGCGCATG  
 ACCTCCCAGGCCGTTTGGAGCAGCGGAGACTGCAGCACCCAGGCCCTCTCCATCCCTACCAACCGCAT  
 CACTCAGCGCATCATCCCAGACGCTTTGCCCTGTCTACCAAGATTCTGACACCAAAGGCTGCTTGCAG  
 TGCCGTGTGGTTGCAACCCCTATACCGCAGTACCTTCTGCTGAAGAATTTCCAGCCCTTGCCAGCCC  
 GGACGGGATGCTGGAGCCGCTGGTGTCTCGACGGGAAGGAGCTGCCACAGGTGTGCGTGGGCGCTGAGGGA  
 CCTGAGGGACCCGGCTGCAGAGTCTGTTCCATGTCTTGGCCCTGGAGACTGGCCTGACTCCAGACATCC  
 TCATCCCTCCTGAGGGGATCCCAGGTTCTGCACAGCAGGTGATCCAGGTGGACAGGGACACAGTGTGGT  
 CAGCTTTGAACGCTGTGTGAGGATCGTTAACCTGCAGGGAGAGCCACGGCTGCGCTTGGCCCTGAGCTA  
 ACCTTTGACTTCCCTATTGAGACTGTGGTATGTCTGCAGGATAGCGTGTGGCGTTCTGGAGTCATGGCA  
 TGCAGGGTCAAGCCTTGACACCAACGAGGTGACCCAGGAGATTACAGATGAGACCAGGATCTTCCGAGT  
 GCTGGGGGCCACAGGGACATCATCCTGGAAGCATTCCCACTGGCAACCCTGGGACACACAGCAACCTC  
 TATATCCTCACAGGTCACCAGAGCAGCT**GA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001106329  
**Insert Size:** 2343 bp

<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001106329.1</a></u> , <u><a href="#">NP_001099799.1</a></u>
<b>RefSeq Size:</b>	4042 bp
<b>RefSeq ORF:</b>	2343 bp
<b>Locus ID:</b>	293694
<b>Cytogenetics:</b>	1q43