

## Product datasheet for **RN206832**

### Map3k13 (NM\_001013978) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Map3k13 (NM_001013978) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Map3k13
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN206832 representing NM\_001013978  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCAACCCCTCAGGAGCACCTGAGCTGCTCCTCTTTGCCACACTTGCCCTTGACTGAGAACAATACT  
 CTGGTGGACGAAATGAGCTTGGCGCTATGGGGAACACCCTTCCCCCAAGTTCCTTGAGGACTCGCAGGA  
 GAGGGTGGTGGCTATACAGTCAGAGCTGACGGAGATCACGGGCAGCCCGTCTCCACAACAGTGCTGACC  
 AGTGTAAGCGAAGATTCCAGGAGCCAGTTTGAACAAGTGTCTTTCAGCTAAGGGAAACAGGACGAATCAG  
 AGGTGACCGTATCTCCAGGGAACAGCAACACCGTGGATGGAGAGAACACGAACGGACCTGAAGACATCAA  
 GATCCAGTTCAGCAGGTGAGGCAGCGGCAGCGGTGGGTTTCTCGAAGGACTCTTTGGTTGCCTCAGGCC  
 GTGTGGAACATCATCGGGAAGGCGTACTCCACGGATTACAACTGCAGCAGCAAGACTTGGAAGTGC  
 CGTTTGAGGAAATCTCAGAGCTGCAGTGGTGGTGTAGTGGAGCCAGGGAGCCGTCTTCTGGGCAAAAT  
 CCGAGCAGAGGAGGTGGCCATCAAGAAGGTGAGAGAGCAGAATGAGACGGACATCAAGCATCTGAGGAAG  
 CTGAAGCACCCCTAACATCATCGCCTTCAAGGGCGTTTGCCTCAGGCCCGTGTACTGCATCATCATGG  
 AGTACTGTGCCACGGACAGCTGTACGAGTCTGAGGGCCGGCAGGAAGATCACGCCCGGCTGCTCGT  
 GGACTGGTCCACGGGATCGCCAGTGAATGAATTACCTCCATCTCCATAAGATTATACATCGAGATCTC  
 AAGTCGCCCAATGTTTTAGTGACTCACACAGATGCAGTGAATAATTCAGACTTTGGCACATCTAAGGAAC  
 TCAGTGATAAAAGCACCAAGATGTCCTTTGCTGGCACCCTTGGTGGATGGCACCTGAGGTGATCCGGAA  
 TGAGCCTGTCTCTGAGAAGTTGACATATGGTCGTTTGGAGTCTGCTTTGGGAGCTGCTGACAGGGGAG  
 ATCCCTTACAAGGACGTGGACTCATCAGCCATCATTTGGGGTGTGGCAGCAATAGCTTGCACCTCCCGG  
 TTCTTCCACTTGCCAGACGGATTCAAAATCCTTATGAAACAGACGTGGCAGAGTAAGCTCGAAACCG  
 GCCTTCTTCCGGCAGACACTCATGCATCTGGACATTGCCTCTGCAGATGTGCTTCCACCCCTCAAGAA  
 ACGTACTTCAAGTCTCAGGCTGAATGGAGAGAAGAAGTGAATAAATTCGAGAAAATCAAAAGTGAAG  
 GGACCTGTATTATCGATTAGATGAAGAACTGATTCGTCGCCGAGGGAGGAGCTCAGGCATGCCCTGGA  
 TATTCGAGAGCACTATGAGAGGAAGCTCGAGCGGGCTAACAACTGTACATGGAGCTGAGCGCCATCATG  
 CTGCAGCTGGAGATGCGGGAGAAGGAGCTCCTCAAGCGAGAGCAAGCAGTGGAAAAGAAGTATCTGGGA  
 CCTACAAGCGACACCCTGTCCGTCATCCACCCCAATGCCATGGAGAAGCTCATGAAAAGGAAGGT  
 TGTGTCTACAAGGCTGGTGTACAGACTAAGCGGCCAGACCTGTTGCGATCCGAAGGCATCCCTAGTACA  
 GAAGCAGTTCCTACTGCATCCCCTCTGTCTGGAAGTCCCAAAATGTCCACCGGAAGCAGCAGGAGCCGGT  
 ACCGAAGCAAACCACGTACCCGCCGAGGGAACAGTAGAGGCAGCCATAGTGACTTCGCAGCAATCTTGAA  
 AACCCAGCCTGCCAGGAAAATTCACCCACCCCACTACCTACAGCACACTCAGGCTCAGTGCCCTTCT  
 GCCTATCAACATAATCTTCCCAGCAGCAAGTCCCTCCTCCCCTGCCTCAGAGCCGCCATCCCAGACTCA  
 ATGCGCATGGGCAGGACATTGCGACCTGCGCCAATAACCTGAGGTAATTCGGCCAGCAGCAGCCCTGCG  
 GAGTCCACTCAGCAACCACGCTCAAAGACAGATGCCTGGCTCTAGTCCCAGCTCATCTCCACAGCCATG  
 GCAGCAGATTGTTGGAGAAATCTGAATTCACCAAGACCAAGTCGGACCCTGGGGCTGTTGTAGGCTG  
 AACCTATGATCCCTGTTTCCAGTGCAGGCCAGAACATCTGGGTCTTAGATGTTCCACCACTGAGCC  
 AGTGGGGAGGAGCCAGACCCTTCCAGTTCACCAGCACACAATCCTCTTTCAGGAAATGCCAAGGCTCT  
 GAGAGAACGGAGGCAAAATGGATTCAATGGCTGTCACTGGTATTCTCATCAATTCACACCCCAATTGC  
 TACCTCAAAGCCACGGCCCTTCAAGAGTGGAGATGACTCCTCAGAAGAGGAAGGAGAAGTGGACAG  
 TGAAGTAGAATTTCTCGACGACAGAGGCTCACCCTGTCATTAGTAGTTACCAGTCTGACTCAACCTTT  
 AGCTCCGAGAATTTCTGTGTCTGATGGAGAGGAGGTAACACTAGCGACCACTCAACAGTCCGGATG  
 AGTCGGCAACAGACGGCAGGACCCTGGCAGAGACGCTGGACGACCTGCTGTCCAGACACCAGAGGC  
 CCCCATCGAGATCTCTCCACTCGGATGGGCTGTCTGACAAGGAGTGTGCCGTACGGCGTGTGAAGACA  
 CAGATGTCCCTTGCAAGCTGTGTCTGAGGAGCGGGCTACGAGAACCCTGTCAGTTTGCAGACTCGG  
 ACCGCGACTTTCAGAGGGGACTGCTCTGATGCCACAGTTAGGACCAGCAAGAACTACAGCTCTGCCAC  
 CTGGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001013978
<b>Insert Size:</b>	2877 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_001013978.2</a></u> , <u><a href="#">NP_001014000.2</a></u>
<b>RefSeq Size:</b>	3451 bp
<b>RefSeq ORF:</b>	2877 bp
<b>Locus ID:</b>	303823
<b>Cytogenetics:</b>	11q23