

Product datasheet for **RN204032**

Map2k4 (NM_001030023) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Map2k4 (NM_001030023) Rat Untagged Clone
Tag: Tag Free
Symbol: Map2k4
Synonyms: MKK4; Sek1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204032 representing NM_001030023
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCTCCGAGCCGAGCGGGCGGGCGGCTCCGGGGCGGTGGCGGCACCCCGGGGCCATCGGGC
 CTCAGCTTCTGGCCACCCGGCGGTGAGCAGCATGCAGGGTAAACGAAAGCCCTGAAGTTGAATTTTGC
 AAATCCACCTGTCAAATCGACAGCAGGTTTACTCTGAATCCTAATACCACAGGAGTCCAGAACCACAC
 ATAGAGAGACTGAGAACCACAGCATTGAGTCATCAGGAAACTGAAGATCTCCCCTGAACAACACTGGG
 ATTTCACTGCAGAGGACTTGAAAGACCTTGAGAAATTGGACGAGGAGCTTATGGTTCTGTCAACAAAAT
 GGTCCACAAACCAAGTGGGCAGATAATGGCAGTAAAAGAATACGATCAACTGTGGATGAAAAAGAACA
 AAACAACCTTCTCATGGATTTGGATGTAGTGTATGCGGAGTAGTATTGCCCATACATTGTTTCTATG
 GTGCACTTTCAGAGAGGGCGACTGTTGGATCTGTATGGAGCTCATGTCTACCTCGTTTCGATAAGTTTTA
 CAAATATGTATATAGTGTGTAGATGTATGATCCCGGAAGAGATCTTAGGCAAAATCACTTTAGCAACT
 GTGAAAGCACTAAACCACTAAAAGAAAACCTGAAAATTATTCACAGAGACATCAAACCTTCCAATATTC
 TTCTGGACAGGAGTGAAATATAAAGCTCTGTGACTTCGGCATCAGTGGACAGCTCGTGGACTCTATTGC
 CAAGACGAGAGATGCTGGCTGTAGGCCGTATATGGCACCTGAAAGAATAGACCCAAGTCATCAAGACAA
 GGGTATGATGTCCGCTCTGATGTCTGGAGTTTGGGGATCACATTGTACGAGTTGGCCACAGGCCGATTTT
 CTTATCCAAAGTGAATAGTGTATTTGATCAGCTAACACAAGTGGTAAAAGGAGACCCTCCCAGCTGAG
 TAATTCGAAGAAAGGGAGTTCTCCCCAGTTTCATCACTTTGTCAACTTGTGCCTTACGAAGGACGAG
 TCCAAAAGGCCAAAGTACAAAGAGCTTCTGAAACATCCCTTTATTTTGTATGATGAAGAAGTACTGTAG
 AGGTCGCATGCTATGTTGTAATAATCCTGGATCAGATGCCAGCTACTCCCAGCTCTCCCATGTATGTCGA
 CTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001030023
Insert Size:	1194 bp
OTI Disclaimer:	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).
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:	<u>NM_001030023.1</u> , <u>NP_001025194.1</u>
RefSeq Size:	1194 bp
RefSeq ORF:	1194 bp
Locus ID:	287398
Cytogenetics:	10q24