

Product datasheet for **RN200674**

Map3k12 (NM_013055) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Map3k12 (NM_013055) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Map3k12
Synonyms:	DLK; MUK; PK; Zpk
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200674 representing NM_013055
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCTGCCTCCATGAAACCCGAACACCCCTCCCCTTCTTTGGAGGCTTTGTGTCTACTCTAAGTGAGG
 CCTCCATGCGAAAAGCTGGATCCAGACACTTCAGACTGCACCCCTGAGAAGGACCTGACACCTACCCAATG
 TGTACTTCGAGATGTTGTGCCTCTCGGTGGCAGGGTGGAGGAGGGCCAGCCCTCCCCAGGTGGAGAG
 CCTCCTCCAGAGCCTTTTCCAATAGTGTCTGCAGCTACATGAGCAGGATACAGGTGGGCCAGGGGGAG
 CCACCGGGTACCTGAGAGTCGAGCATCTAGGGTTCGAGCTGATGAGGTACGTCTGCAGTGCCAGAGTGG
 CAGTGGCTTCTTGAAGGTCTTTTGGCTGCGCCCTGTCTGGACAATGATTGGCAAAGCCTACTCC
 ACAGAGCACAAGCAACAGCAGGAAGACCTTTGGGAAGTCCCTTTGAGGAAATCTGGACCTGCAGTGGG
 TAGGCTCAGGGGCTCAGGTGCCGTTTTCTGGGACGCTTTCATGGGGAGGAGGTAGCTGTGAAGAAGGT
 TCGAGACCTCAAGGAGACCGACATCAAGCATCTTCGAAAACCTGAAGCACCCCAACATCATCACTTTCAAG
 GGTGTTTGCACACAGGCCCGTCTACTGCATCCATGGAGTTCGTGCCCAAGGACAGCTGTATGAGG
 TGCTCAGGGCGGGCCGCCCGTTACCCCTCCTTGTCTGGTGGTGGTCCATGGGCATCGTGGAGGCAT
 GAATTACCTACACCTGCACAAAATCATCCACAGAGACCTGAAGTCAACCAACATGCTAATACATACGAC
 GATGTGGTGAAGATCTCAGACTTTGGCACTTCCAAGGAGCTGAGTGACAAGAGCACCAAGATGTCCTTTG
 CAGGGACAGTAGCCTGGATGGCTCCTGAAGTATCAGAAATGAACCTGTGTCTGAGAAGGTTGACATCTG
 GTCCTTTGGGGTGGTCTTTGGGAATTACTGACTGGAGAGATCCCTACAAAGATGTAGACTCCTCAGCC
 ATCATCTGGGGTGTGGGAAGCAACAGTCTTACCTGCCTGTACCCTTAGCTGCCAGACGGCTTTAAAA
 TTCTGCTTCGCCAGTGTGGAACAGAAAACCTCGGAACCGCCCATCATTCCGACAGATCTTGTGCACCT
 GGACATCGCCTCGCTGATGTGCTCTACACCCAGGAGACTTACTTTAAATCCAGGCAGAGTGGCGG
 GAAGAAGTAAAATGCACTTTGAAAAGATTAAGTCAGAAGGGACCTGTCTGCACCGCCTAGAAGAGGAAC
 TGGTGTGCGGAGAAGGGAGGAGCTCAGACATGCCCTGGACATCAGGGAGCACTATGAGCGCAAGTTGGA
 GAGAGCTAAACAATTGTACATGGAACCTGAATGCCCTCATGTTGCAACTAGAAGTCAAAGAGAGGGAATTG
 CTCAGGCGAGAGCAAGCTTTAGAAAGGAGGTGCTGCTACTGAAAGTACACACAGTCCCGAAGCCTCC
 TACATGGAACACGATGGAGAAGCTCATCAAGAAAAGGAATGTGCCACAGAACTGTCACCCCATAGCAA
 AAGGCCAGATATCTCAAGACAGAGTCTTGTACCTAACTAGATGCAGCCCTAAGTGGGGTGGGGCTT
 CCTGGTTGCTCAAGGCCCCCTTACCTGGGAGGAGTGTGCTGGCAAGACCCGTACCGAAAGGCCA
 GCGCAAGGGCAGCTGTGGAGACCTGCCTGGGCTTGTGTCAGCTTGGCCACCCATGAGCCTGGAGGACT
 AGGAAGCCAGGAGGCTAGGAGTGGGCCCTACAGCTTGGGATGCCTCCCCCTGCTCTCCGTGGACTC
 CACCATGACCTTCTACTTCGGAAGATGTCTTATCATCCCCAGACCTGTTATCAGCAGCACTGGGAGCCC
 GAGGCCGAGGGGCAACAGGGGGAGCTCGGGATCCTGGCTCACCACCTCCACCCAGGGTGATACTCCTCC
 AAGTGAGGGATCAGCTCCTGGTTCACACAGCCAGATTACCTGGGGGAGCTAAAGGGGAACCACTCCA
 CCAGTAGGGCTGGAGAAGGTGTGGGGTGTGGGAACGGAAGGGAAGGGACTACAGGCCGGGGAGGAA
 GCCGGCTGGGTACCAGCACTTGACCCCGCTGCGTGTGTACAGGGCTGTGTGACTCGTAGTCAGAA
 ACGTGGTATCTCATCTGAAGAGGAAGAAGGAGAGGTGCACAGTGAAGTAGAGCTACCCCAAGTCAAAGG
 TGGCCTCAGGGCCGAACATGCGTCAGTCACTATCTACGTTTACGCTCAGAGAACCATCAGATGTGGAGG
 AAGGTACAGCTAGTGAGCCTTCCCAAGTGGCACACCGGAAGTTGGCAGCACCAACTGATGAGCGACC
 AGATGAACGGTCTGATGACATGTGCTCACAGGGTTCAGAAATCCCACTGGACCTACCTACTTCAGAGGTG
 GTCCCTGAACGTGAAACCAGCTCCTTGCCATGCAACACCAGGATGACCAGGGCCCAATCCTGAGGACT
 CAGACTGTGACAGCACTGAATTGGACAACCTCAACAGCATTGATGCCTTGGCCGCCCCAGCCTCCCTTCC
 TCCATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_013055

Insert Size:	2667 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:	NM_013055.1 , NP_037187.1
RefSeq Size:	3754 bp
RefSeq ORF:	2667 bp
Locus ID:	25579
UniProt ID:	Q63796
Cytogenetics:	7q36
Gene Summary:	kinase which is an activator of the JNK-pathway [RGD, Feb 2006]