

Product datasheet for **RR206832**

Map3k13 (NM_001013978) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>RR206832 representing NM_001013978
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCAACCCCTCAGGAGCACCTGAGCTGCTCCTCTTTGCCACACTTGCCCTTGACTGAGAACAATACT
 CTGGTGGACGAAATGAGCTTGGCGCTATGGGGAACACCCTTCCCCCAAGTTCCTGAGGACTCGCAGGA
 GAGGGTGGTGGCTATACAGTCAGAGCTGACGGAGATCACGGGCAGCCCGTCTCCACAACAGTGCTGACC
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 AGGTGACCGTATCTCCAGGGAACAGCAACACCGTGGATGGAGAGAACACGAACGGACCTGAAGACATCAA
 GATCCAGTTCAGCAGGTGAGGCAGCGGCAGCGTGGTGTCTCGAAGGACTCTTTGGTTGCCTCAGGCC
 GTGTGGAACATCATCGGGAAGGCGTACTCCACGGATTACAACTGCAGCAGCAAGACTTGGGAAGTGC
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 CTGAAGCACCCCTAACATCATCGCCTTCAAGGGCGTTTGCCTCAGGCCCGTGTACTGCATCATCATGG
 AGTACTGTGCCACGGACAGCTGTACGAGTCTGAGGGCCGGCAGGAAGATCACGCCCGGCTGCTCGT
 GGACTGGTCCACGGGATCGCCAGTGAATGAATTACCTCCATCTCCATAAGATTATACATCGAGATCTC
 AAGTCGCCCAATGTTTTAGTGACTCACACAGATGCAGTGAATAATTCAGACTTTGGCACATCTAAGGAAC
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 CCTACAAGCGACACCCTGTCCGTCATCCACCCCAATGCCATGGAGAAGCTCATGAAAAGGAAGGT
 TGTGTCTACAAGGCTGGTGTACAGACTAAGCGGCCAGACCTGTTGCGATCCGAAGGCATCCCTAGTACA
 GAAGCAGTCCCCTGCATCCCCTGTCTGGAAGTCCCAAAATGTCCACCGAAGCAGCAGGAGCCGGT
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 AACCCAGCCTGCCAGGAAAATTCACCCACCCCACTACCTACAGCACACTCAGGCTCAGTGCCCTTCT
 GCCTATCAACATAATCTTCCCAGCAGCAAGTCCCTCCTCCCCTGCCTCAGAGCCGCCATCCCAGACTCA
 ATGCGCATGGGCAGGACATTGCGACCTGCGCCAATAACCTGAGGTAATTCGGCCAGCAGCAGCCCTGCG
 GAGTCCACTCAGCAACCACGCTCAAAGACAGATGCCTGGCTCTAGTCCCACCTCATCTCCACAGCCATG
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 CTGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR206832 representing NM_001013978
 Red=Cloning site Green=Tags(s)

MANPQEHLSCSSLPHLPLTENKISGGRNELAAMGNHPSPKFPEDSQERVVAIQSELTEITGSPVSTTVLT
 SVSEDSRSQFENSVLQLREQDESEVTVSPGNSNTVDGENTNGPEDIKIQFSRSGSGSGGFLEGLFGCLRP
 VWNIIIGKAYSTDYKLLQQQDTWEVPFEEISELQWLGSGAQGAVFLGKFRAEEVAIKKVVRENETDIKHLRK
 LKHPNIIAFKGVCTQAPCYCIIMEYCAHGQLYEVLRAGRKITPRLLVDWSTGIASGMNYLHLHKIHRDL
 KSPNVLVTHTDVAVKISDFGTSKELSDKSTKMSFAGTVAWMAPEVIRNEPVSEKVDIWSFGVVLWELLTGE
 IPYKDVDSAIIWVGVSNSLHLPVPSTCPDGFKILMKQTWQSKPRNPSFRQTLMHLDIASADVLPQEQE
 TYFKSQAEWREEVKKHFEEKIKSEGTCIHRLEDEELIRRRREELRHALDIREHYERKLERANNLYMELSAIM
 LQLEMREKELLKREQAVEKKYPGTYKRHPVRPIIHPNAMEKLMKRKVVSHKAGVQTKRPDLLRSEGIPST
 EAVPTASPLSGSPKMSTGSSRSRYRSKPRHRRGNSRGSDFSFAAILKTQPAQENSPHTYLQHTQAQCP
 AYQHNLPPQQVPPPLPQSRHPRLNAHQDIATCANLRYFGPAAALRSPLSNHAQRQMPGSSPDLISTAM
 AADCWRNSELDDQVGPWGCCQAEPYDPCFQCRPEHSGSLDVPTTEPVGRSPDPSSPAHNPLSGNAQGS
 ERTEANGFNCGQSGISHQFTPLLPLQKPRPLQKSGDSSSEEEGEVDSEVEFPRRQRPHRCISSYQSYSTF
 SSENFSVSDGEEGNTSDHSNSPDESANRRQDRLAETLDDLLSQTPEAPIEISSHSDGLSDKECAVRRVK
 TQMSLGLKCAEERGENPVQFADSDRDSSEGDSDATVVRTSKNYSSATW

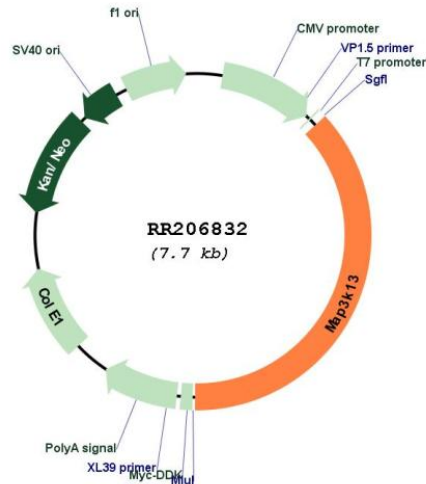
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:


ACCN: NM_001013978

ORF Size: 2874 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).

Reconstitution Method:

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_001013978.2](#), [NP_001014000.2](#)

RefSeq Size: 3451 bp

RefSeq ORF: 2877 bp

Locus ID: 303823

Cytogenetics: 11q23

MW: 106.9 kDa