

Product datasheet for **SC114621**

MAP4K6 (MINK1) (NM_015716) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAP4K6 (MINK1) (NM_015716) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAP4K6
Synonyms:	B55; MAP4K6; MINK; YSK2; ZC3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_015716, the custom clone sequence may differ by one or more nucleotides

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ATGGGCGACCCAGCCCCCGCCGACGCTGGACGACATCGACCTGTCCGCCCTGCGGGACCCCTGCTGGGA  
TCTTTGAGCTTGTGGAGTGGTGGCAATGGAACCTACGGACAGGTGTACAAGGGTCGGCATGTCAAGAC  
GGGCGAGCTGGTCCATCAAGGTCATGGATGTACGGAGGACGAGGAGGAAGAGATCAAACAGGAGATC  
AACATGCTGAAAAAGTACTCTCACCACCGCAACATCGCCACCTACTACGGAGCCTTCATCAAGAAGACC  
CCCCGGGAAACGATGACCAGCTCTGGCTGGTGTGGAGTTCTGTGGTGTGGTTCAGTGACTGACCTGGT  
AAAGAACAAAAAGGCAACGCCCTGAAGGAGGACTGTATCGCCTATATCTGCAGGGAGATCTCAGGGGT  
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ATGCTGAGGTCAAGCTAGTGGATTTGGGGTGAGTGCTCAGCTGGACCGCACCGTGGGCAGACGGAACAC  
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GATTACAGGAGTGATATTTGGTCTCTAGGAATCACAGCCATCGAGATGGCAGAGGGAGCCCCCCTCTGT  
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GAGCAGCTACTGAAGTTCCCTTCATCCGGGACCAGCCACGGAGCGGCAGGTCCGCATCCAGCTTAAGG  
ACCACATTGACCGATCCCGGAAGAAGCGGGGTGAGAAAGAGGAGACAGAATATGAGTACAGCGGCAGCGA  
GGAGGAAGATGACAGCCATGGAGAGGAAGGAGAGCCAAGCTCCATCATGAACGTGCCTGGAGATCGAT  
CTACGCCGGGAGTTTCTCCGGCTCCAGCAGGAAAATAAGAGCAACTCAGAGGCTTTAAAACAGCAGCAGC  
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CATAGAGGAGCAGAAGGAGGAGCGGCGCGCTGGAGGAGCAACAGCGCGGGAGCGGGAGCAGCGGAAG  
CTGCAGGAGAAGGAGCAGCAGCGCGGCTGGAGGACATGCAGGCTCTGCGCGGGAGGAGGAGCGGCGGC  
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GCAGCTGCAGCAGGAGCATGCCTACCTCAAGTCCCTGCAGCAGCAGCAACAGCAGCAGCAGCTTCAGAAA  
CAGCAGCAGCAGCAGCTCTGCCTGGGGACAGGAAGCCCTGTACCATTATGGTCGGGGCATGAATCCCG  
CTGACAAAACCAGCTGGGCCGAGAGGTAGAAGAGAGAACAAGGATGAACAAGCAGCAGAACTCTCCCTT
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GGCCAAGAGCAAGCCAGGCAGCACGGGGCCTGAGCCCCCATCCCCAGGCCTCCCAGGGCCCCCAGGA
CCCCTTTCCAGACTCCTCCTATGCAGAGGCCGGTGGAGCCCCAGGAGGGACCGACAAGAGCCTGGTGG
CACACCGGGTCCCAGTGAAGCCATATGCAGCACCTGTACCCCGATCCCAGTCCCTGCAGGACCAGCCCAC
CCGAAACCTGGCTGCCTTCCAGCCTCCATGACCCCGACCTGCCATCCCCGCACCCACTGCCACGCCC
AGTGCCCGAGGAGCTGTATCCGCCAGAATTACAGACCCACCTCTGAAGGACCTGGCCCCAGCCCCGAATC
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GGTCAACGTGAATCCCACCAACACCCGGGCCACAGTGAGACCCCTGAGATCCGGAAGTACAAGAAGCGA
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TGTTGCTGGACCGAAGTGGGCAGGGCAAGGTGTATGGACTCATTGGGCGGCAGCCTTCCAGCAGATGGA
TGTGCTGGAGGGCTCAACCTGCTCATCACCATCTCAGGAAAAGGAACAACTGCGGGTGTATTACCTG
TCCTGGCTCCGGAACAAGATTCTGCACAATGACCCAGAAGTGGAGAAGAAGCAGGGCTGGACCACCGTGG
GGGACATGGAGGGCTGCGGGCACTACCGTGTGTGAAATACGAGCGGATTAAGTTCTGTGTCATCGCCCT
CAAGAGCTCCGTGGAGGTGTATGCTGGGCCCCAAACCTACCACAAATTCATGGCCTTCAAGTCTTT
GCCGACCTCCCCACCGCCCTCTGCTGGTGCAGCTGACAGTAGAGGAGGGGCAGCGGCTCAAGGTATCT
ATGGCTCCAGTGTGGCTTCCATGCTGTGGATGTCGACTCGGGAAACAGCTATGACATCTACATCCCTGT
GCACATCCAGAGCCAGATCACGCCCCATGCCATCATCTTCTCCCAACACCGACGGCATGGAGATGCTG
CTGTGCTACGAGGACGAGGGTGTCTACGTCAACACGTACGGGCGCATATTAAGGATGTGGTGTGCTGAGT
GGGGGAGATGCCTACTTCTGTGGCCTACATCTGCTCAAACCAGATAATGGGCTGGGGTGGAGAAAGCCAT
TGAGATCCGCTCTGTGGAGACGGCCACCTCGACGGGTCTTCATGCACAACGAGCTCAGAGGCTCAAG
TTCTGTGTGAGCGGAATGACAAGGTGTTTTTGCCTCAGTCCGCTCTGGGGCAGCAGCCAAGTTACT
TCATGACTCTGAACCGTAACTGCATCATGAACTGGTGA
    
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- Restriction Sites:** NotI-NotI
- ACCN:** NM_015716
- Insert Size:** 5310 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_015716.2, NP_056531.1</u>
RefSeq Size:	4924 bp
RefSeq ORF:	3888 bp
Locus ID:	50488
UniProt ID:	<u>Q8N4C8</u>
Cytogenetics:	17p13.2
Protein Families:	Druggable Genome, Protein Kinase
Gene Summary:	<p>This gene encodes a serine/threonine kinase belonging to the germinal center kinase (GCK) family. The protein is structurally similar to the kinases that are related to NIK and may belong to a distinct subfamily of NIK-related kinases within the GCK family. Studies of the mouse homolog indicate an up-regulation of expression in the course of postnatal mouse cerebral development and activation of the cjun N-terminal kinase (JNK) and the p38 pathways. [provided by RefSeq, Mar 2016]</p> <p>Transcript Variant: This variant (1) represents the shortest transcript and encodes the shortest isoform (1).</p>