

Product datasheet for **MC218691**

Nek5 (BC053516) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nek5 (BC053516) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nek5
Synonyms:	6530411J22; BB049667
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC053516
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATAACTTTACCTGATTAAGATCATTGGGAAGGCACCTTTGGGAAGTGTACTTGGCTAAAGATA
 AATCAGAAAGCAGTCACTGTGCATAAAAAGAAATCAGTTTGACAAAGGAAAAAGAGGCCTCAAAGAACGA
 AGTGATTCTTCTGGCTAGGATGGAGCATCCAATATCGTAACCTTCTTCAGCTCGTTTCAAGAGAACGGC
 AGGCTGTTATTGTAATGGAATACTGTGATGGAGGGGATCTCATGCAGAGGATCCAGAGGCAGCGGGGAG
 TGATGTTCAAGCAAGACCAGATCCTGTGTTGGTTGTACAGATTTCTCTAGGACTGAAGCATATTCATGA
 CAGGAAGATTTTACACAGGGACATAAAATCTCAGAATATTTTTCTTAGCAAGAATGGAATGGTTGCCAAG
 CTCGGGGACTTTGGAACAGCAAGAACACTGAATGACTCCATGGAAGTCTGCTCAAACATGTGCTGGGACAC
 CTTACTACCTGTCCCAGAGATCTGTGAGAACAGGCCATAACAATAAAACGGACATCTGGTCTCTTGG
 CTGTGCTTATATGAGCTCTGCACACTCAAGCATCCTTTTGGAGAGCAACAACCTCCACCATCTGGTCTG
 AAGATTTGTCAAGGACGTGTGCTCCCATATCACCCACTTCTCTCGTGACTACAGTCTTGATACCTC
 AGCTCTTCAGAGTGTCTCCTCAGGACCGGCCATCCGTTACGTCCCTTTTAAAAGACCCTTTTTAGAAAC
 TCTCATTGCCCGATCCTTGATCCTGAGGTCTGTTCAAGAAGAATCCAGTCCCACGCTCACATGGAGAAC
 ATGGCCATTGGCCCCACAGCTTGTGGAGAGTTAGTCCATGGTCTGCTGCCTACCTTCAGAGGAAATTTG
 AAGCTCAGCAATAAAGTTAAAAGTGGAAAGACAATTGGGTCTTCGTCCATCTTCTGTGGAACCACATCC
 AAACGAGGGAGAAAAGCTACAAAGTCATTGGGAGGAGACTAAATCCAGGAGCTTCAATACAGGAAGAAC
 AAAATGAAGGACCAGGAATATTGAAACAGCTGGAAGAAATCCGCCAACAGTACCACAACGACATGAAGG
 AAATTAAGGAGAAAATGGGGAGAGAGCTGAAGAGAGTGGTAAAGTTTGAATCAGCCTAGACAAGTGTAT
 TTCAGAGGAAGACACCGTCCAGGAGAATGAGGCAGTGGATAAACTAAATGCTACTTTAAGCTTTGAAGAT
 GGCACGAAGTTTCAGGAGCACAGATGTAAGGAGGAACATGAAGACTATACAGACAGAGCCTTTGAAGAAC
 TCTGTGGCCAGAAAGCAGAGGGTTCTTTCAGGATGTCATTGCCGCAGAGAACAGGAGGCAGTGGGATGC
 CGGGGCACCTCACACTCTGCTGCGAATAATGGCAATGGCAGATGTACCTCCACCTGCCCCACCATGCCG
 GATGATGGCCAAGTATTGTGATGGAAGGCAGTGTAGAGAATGGGAAGCAGTGGTGGCTGGATGTGCCAG
 GGACCCCGTGTGCTTTGGCAGCAGAGTGTGCTGCAGTGGCTCATTGTCTGCCAGTAAAGGAGAAAACCGT
 AATGATCAAACCACAGCTTCTAAAGAAGACCAGGAAAAGGTAGAAATAGCCACGGGCATCATGGTGGAT
 GATGAACAGCTGGAACCAGGATCGGATGAAGATGACATAAAATTTGAAGAATCTGAAGATGAGCTGAGGA
 GTGAAATAATAGAATCCCTAGAAAAACTTGACGCTTCCACAGAAGAAGCGGAACAGGCTCCCAGCTCCTC
 TAAGAATGCAGAGGAGCCAGGAGAGAAAAGAAAAGACAACTTGCCAGTCAAGAACTCCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC053516

Insert Size: 1884 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:

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: [BC053516](#), [AAH53516](#)

RefSeq Size: 2281 bp

RefSeq ORF: 1883 bp

Locus ID: 330721

Cytogenetics: 8 A2