

Product datasheet for **MC220520**

Nkrf (NM_029891) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nkrf (NM_029891) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nkrf
Synonyms:	9430034D17Rik; AW124770; C80287
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC220520 representing NM_029891
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAAAAATTCTTCACATGGCTGAAGGTATTGATATTGGGAGATGCCGCATATGATCTAATGCTGC
 CCAAACCTTCCAAGGCCAAAAACGCTACCTTTCAACCTACGATGGTCAGAATCCTCCTAAAAAGCAAGC
 CGGTTCCAAATCCATGTGAGAGCTCGTTTTGAGCCTGTACATTTTGTAGCTAGTAGTTCAAAGCTGAA
 AGACAGGAAGATCCGTATGGCCCTCAAACAAAAGACGTAATGGACGAACACATTTTCCAGCATGCCAA
 GAAACTTCTACCAAGATTATACTCAAGACTCTTTCAGTATCCAGGATGGAAATCTCAATATTGTAATTC
 ATCAGGATTTATTTTACAAAAGACCAGCCTGTAGCAACCAACATGATTTTGTACAGTGGGAACCTGCC
 CCAAGCAGCACATCCCAGCAGGCAAACGTCCAGCCAGCTCCGAGCCTCCTCCTCACAGATGTACCCTG
 AGTCCTTGGTTGCCGAGAAGCAGTATTTTATTGAAAAGTTAACAGCAACTATCTGGAAGAACCTTTCTAA
 TCCAGAGATGACTTCTGGATCTGATAAGATTAATTATACCTATATGCTAACTCGTTGATTCAGGCATGT
 AAGACAAATCCTGAGTATATATGCTCCTTTAAAAGAAATTCCTCCTGCTGACATCCCCAAAAATAAAA
 AACTTCTCACGGATGGTTATGCTTGTGAAGTTAGATGCCAAAATATCTACCTAACTACAGGTTATGCAGG
 TAGCAAGAATGGGTCCAGAGATCGAGCTACTGAGCTAGCTGTAAAACCTTGCAGAAGAGGATTGAGGTT
 AGAGTTGTCCGACGGAATTCAGCACATAATCGGAGAGGACCTTGTGGTGTGTCAGATTGGTATGCTTT
 CATATGAATTTCCCCAGCTCTGAAACCACCAGAAGACCTGGTAGTACTGGGAAAGGATGCTTCTGGGCA
 GCCTATTTTTAATAGTTCTGCCAAACACTGGACCAATTTTGTCAATACAGAAAATGCAAAATGATGCAATT
 GGCATCCTTAACAATTCGCCTCATTCAACAAAATGTCAATTGAGTACAAAATACGAGATGATGCCAAACC
 GCACATGGCGGTGTCGAGTATTCCTGCAAGATCACTGCTTAGCTGAAGGTTATGGAACCAAGAAAACAAG
 CAAACATGCAGCTGCTGATGAGGCTTTGAAAGTTCTTCAAAAAACACAACCCACTTATCCATCTGTCAAA
 AGTTCACAGTGTCACTCAGGCTCTTACCCAAAGGATCCGAAAGAAGAAAGATATCAAAGATCTTGTAG
 TTTATGAGAATCTTCCAATCCTGTGTGCACATTTGAATGATACGGCTCAGTTAACCGAATGACGTTGA
 ATATGTCTATGAAAGGATGACAGGTCTCCGCTGGAAATGCAAGGTGATTCTAGAGAGCGAAGTCATTGCA
 GAAGCAGTTGGTGTGAAGAAAAGTGTCAAATACGAAGCTGCTGGAGAAGCTGTAAGACCCTAAAAAGA
 CCCAGCCGACTGTCATTAACAACCTGAAGAAAGGGACTGTTGAAGATGTGATTTCAAGAAATGAAATCCA
 GGGCCGCTCAGCAGAAGAAGCTTACAAACAGCAAATCAAAGAAGACAACATAGGGAAATCAACTGCTGAGA
 AAGATGGGCTGGACGGTGGTGGTTTAGGGAAATCTGGTGAAGGCATACGGGAGCCTATCTCAGTTAAAG
 AGCAGCATAAAGCGAGAAGGCCTTGGTCTAGATGTAGAGAGGGTCAATAAAATGCTAAGAGGGATATAGA
 ACAAATATCAGAAACTATGCCCGCTCTGAAAGCCACTCAGATTTGACCTTCTCCACGGAGCTGACCAAT
 GATGAACGGAAGCAAATCCATCAGATTGCTCAGAAGTATGGCCTGAAGAGTAAGTCTCATGGGGTGGGCC
 ATGATAGGTACCTGGTGGTAGGTCGAAAACGGCGGAAGGAAGACCTACTAGATCAACTCAAACAGGAGGG
 CCAAGTGGGACATTATGAGCTTGTATGCCCAAGCAA**CTAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_029891
- Insert Size:** 2073 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: [NM_029891.2](#), [NP_084167.2](#)

RefSeq Size: 3279 bp

RefSeq ORF: 2073 bp

Locus ID: 77286

UniProt ID: [Q8BY02](#)

Cytogenetics: X A3.3

Gene Summary: Interacts with a specific negative regulatory element (NRE) 5'-AATTCCTCTGA-3' to mediate transcriptional repression of certain NK-kappa-B responsive genes. Involved in the constitutive silencing of the interferon beta promoter, independently of the virus-induced signals, and in the inhibition of the basal and cytokine-induced iNOS promoter activity. Also involved in the regulation of IL-8 transcription (By similarity).[UniProtKB/Swiss-Prot Function]