

Product datasheet for **MR216567**

Nkrf (NM_029891) Mouse Tagged ORF Clone

Product data:

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



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ORF Nucleotide
Sequence:

>MR216567 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAAAATTCTTCACATGGCTGAAGGTATTGATATTGGGAGATGCCGTCATATGATCTAATGCTGC
 CCAAACCTTCCAAGGCCAAAAACGCTACCTTTCAACCTACGATGGTCAGAATCCTCCTAAAAAGCAAGC
 CGTTTCCAAATCCATGTGAGAGCTCGTTTTGAGCCTGTACATTTGTAGCTAGTAGTTCAAAGCTGAA
 AGACAGGAAGATCCGATGGCCCTCAAACAAAAGACGTAATGGACGAACACATTTTCCAGCATGCCAA
 GAAACTTCTACCAAGATTATACTCAAGACTCTTTCAGTATCCAGGATGGAAATCTCAATATTGTAATTC
 ATCAGGATTTATTTTACAAAAGACCAGCCTGTAGCAACCAACATGATTTTGTACAGTGGGAACCTGCC
 CCAAGCAGCACATCCCAGCAGGCAAACGTCCAGCCAGCTCCGAGCCTCCTCCTCACAGATGTACCCTG
 AGTCTTGGTTGCCGAGAAGCAGTATTTTATTGAAAAGTTAACAGCAACTATCTGGAAGAACCTTTCTAA
 TCCAGAGATGACTTCTGGATCTGATAAGATTAATTATACCTATATGCTAACTCGTTGTATTCCAGGCATGT
 AAGACAAATCCTGAGTATATATGCTCCTTTAAAAGAAATTCCTCCTGCTGACATCCCCAAAAATAAAA
 AACTTCTCACGGATGGTTATGCTTGTGAAGTTAGATGCCAAAATATCTACCTAACACAGGTTATGCAGG
 TAGCAAGAATGGGTCCAGAGATCGAGCTACTGAGCTAGCTGTAAAACCTTGCAGAAGAGGATTGAGGTT
 AGAGTTGTCCGACGGAATTCAGCACATAATCGGAGAGGACCTTGTGGTGTGTGACAGATTGGTATGCTTT
 CATATGAATTTCCCCAGCTCTGAAACCACCAGAAGACCTGGTAGTACTGGGAAAGGATGCTTCTGGGCA
 GCCTATTTTTAATAGTTCTGCCAAACACTGGACCAATTTTGTATTACAGAAAATGCAAAATGATGCAATT
 GGCATCCTTAACAATTCGCCTCATTCAACAAAATGTCAATTGAGTACAAATACGAGATGATGCCAAACC
 GCACATGGCGGTGTCGAGTATTCCTGCAAGATCACTGCTTACTGAGGTTATGGAACCAAGAAAACAAG
 CAAACATGCAGCTGCTGATGAGGCTTTGAAAGTTCTTCAAAAAACACAACCCACTTATCCATCTGTCAAA
 AGTTCCAGTGTCACTCAGGCTCTTACCCAAAGGATCCGAAAAGAAAGATATCAAAGATCTTGTAG
 TTTATGAGAATCTTCCAATCCTGTGTGCACATTTGAATGATACGGCTCAGTTTAAACCGAATGACGGTTGA
 ATATGTCTATGAAAGGATGACAGGTCTCCGCTGGAAATGCAAGGTGATTCTAGAGAGCGAAGTCATTGCA
 GAAGCAGTTGGTGTGAAGAAAAGTGTCAAATACGAAGCTGCTGGAGAAGCTGTAAGACCCTCAAAAAGA
 CCCAGCCGACTGTCATTAACAACCTGAAGAAAGGGACTGTTGAAGATGTGATTTCAAGAAATGAAATCCA
 GGGCCGCTCAGCAGAAGAAGCTTACAAACAGCAAATCAAAGAAGACAACATAGGGAAATCAACTGCTGAGA
 AAGATGGGCTGGACGGTGGTGGTTTAGGGAAATCTGGTGAAGGCATACGGGAGCCTATCTCAGTTAAAG
 AGCAGCATAAGCGAGAAGGCCTTGGTCTAGATGTAGAGAGGGTCAATAAAATGCTAAGAGGGATATAGA
 ACAAATATCAGAACTATGCCCGCTCTGAAAGCCACTCAGATTTGACCTTCTCCACGGAGCTGACCAAT
 GATGAACGGAAGCAAATCCATCAGATTGCTCAGAAGTATGGCCTGAAGAGTAAGTCTCATGGGGTGGGCC
 ATGATAGGTACCTGGTGGTAGGTCGAAAACGGCGGAAGGAAGACCTACTAGATCAACTCAAACAGGAGGG
 CCAAGTGGGACATTATGAGCTTGTATGCCCAAGCAAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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

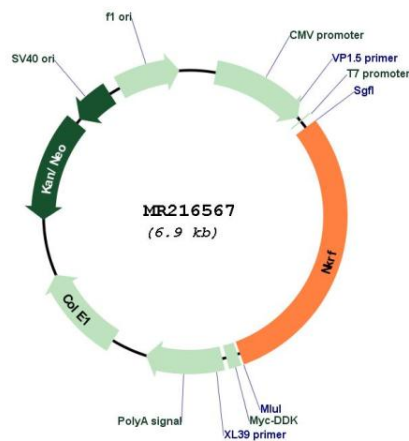
UniProt ID: [Q8BY02](#)

Cytogenetics: X A3.3

MW: 77.7 kDa

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]

Product images:



Circular map for MR216567