

Product datasheet for **MR225493**

Rel (NM_009044) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rel (NM_009044) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rel
Synonyms:	c-Rel
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR225493 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTCGAGTGGATATAATCCATACGTAGAATAATTGAACAGCCAAGGCAGAGGGGAATGCGGTTTA
 GATACAAGTGTGAAGGGGATCAGCAGGTAGCATCCAGGGGAGCGCAGCACAGACAACAACCGGACATA
 CCCGTCTGTCCAGATTATGAACTACTATGGAAAAGGAAAAATAAGAATTACATTAGTAACAAGAATGAT
 CCATATAAGCCTCATCCTCATGATTTAGTTGAAAAGATTGCAGAGATGGATACTATGAAGCAGAATTTG
 GACCAGAACGCAGACCTTTGTTTTTCAAATTTGGGTATTCGGTGTGTAAGAAAAAGGAAGTGAAGA
 AGCTATTATTTAAGGATTAGTGCAGGAATCAATCCTTTCAATGTCCCTGAACAGCAGCTGCTGGACATT
 GAAGACTGCGACCTCAATGTGGTGAAGCTGTGTTTTCAAGTTTTCTTCTGATGAACATGGTAACCTCA
 CAACTGCTCTGCCTCCCATTGTTTCTAACCAATTTATGACAACCGTGCCCAAACTGCAGAATTAAG
 GATCTGCCGTGTGAACAAGAAGTGTGGAAGTGCAGGGGAGGAGATGAAATATTTCTGCTTTGTGACAAA
 GTTCAGAAAGATGATATAGAAGTTCGTTTTGTGTTGAATGACTGGGAAGCCAGAGGTGTTTTTCAAG
 CTGATGTACACCGCAAGTAGCCATTGTTTTCAAGACTCCTCCGTATTGCAAAGCTATACTGGAGCCTGT
 GACAGTAAAAATGCAGCTGCGGAGGCCTTCTGACCAGGAAGTTAGTGAGTCTATGGATTTTCAGATACCTG
 CCAGATGAAAAAGATGCATATGGCAATAAATCAAAGAAACAAAAACAACCTGATTTTTTCAGAACTGC
 TGCAAGATTGTGGTCACTTTACTGAGAAACCAAGAAGTCCCTCTGGGATCAACTGGAGAAGGAAGATT
 CATCAAAAAGAATCAAACCTATTTTCTCATGGTACAGTTTTACCAGAAATGCCAGGTCTTCAGGAGTT
 CCAGGGCAAGCTGAACCTTACTATTCTTCATGCGGGTCCATCTCGAGTGGATTGCCACATCACCCACCAG
 CCATACCCTCAGTGGCCATCAGCCTACAAGCTGGCCACCAGTACTCACCCACCTCACACCCAGCAG
 TACAAATACCCTGAGTACTTTCTCAGCGGGAACACTTTCTCTAATTCACAAGGTATCCTTCCATTCTTA
 GAAGGGCCTGGTGTGAGCAGTCTGAGTGCATCTAATTCGTGCCTTTATACTCTGATGACCTAGCTAGAA
 TGGAAACGCCATCCATGTCACCAACTGACTTATACAGTATCTCTGATGTCAACATGCTATCTACTCGCC
 TCTGAGTGTGATGGCACCCAGCACTGATGGCATGGGGGACACTGACAACCAAGACTTGTGAGCATCAAT
 CTTGAAAACCCCTCATGTAATGCCAGGCTAGGCCCAAGAGACCTGAGACAACATACATCAGATGTCTCCTG
 CCAGTCTGTCCGCGGCCACCAGCTCCAGTTCTGTTTTGTTTACAGTCAGATGCATTTGATAGATCAA
 CTTCAGTTGTGTAGATAATGGCCTGATGAATGAGCCTGGACTATCAGATGACGCAATAATCCTACCTTT
 GTTCAGAGCAGTCACTATTCAAGTGTTAACTCTGCAAAGTGAAGCAACTGAGTATCCCTTACATATG
 GTTTTTTAAAAATA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR225493 protein sequence
 Red=Cloning site Green=Tags(s)

MASSGYNPYVEIIEQPRQRGMFRYKCEGRSAGSIPGERSTDNNRTYPSVQIMNYYGKGIKIRITLVTKND
 PYKPHPHDLVGKDCRDGYEAEFGPERRPLFFQNLGIRCVKKEVKEAIIILRISAGINPFNVPEQQLLDI
 EDCDLNVVRLCFQVFLPDEHGNFTTALPPIVSNPIYDNRAPNTAELRICRVNKNCGSVRGDEIFLLCDK
 VQKDDIEVRFVLDWEARGVFSQADVHRQVAIVFKTPPYCKAILEPVTVKMQLRRPSDQEVSESMDFRYL
 PDEKDAYGNKSKKQKTTLIFQKLLQDCGHFTEKPRTPAPLSTGEGRF IKKESNLF SHGTVLPMPRSSGV
 PGQAEPYSSCGSISGLPHHPAIPVAHQPTSWPPVTHPTSHPVSTNTLSTFSAGTSSNSQILPFL
 EGPVSDLSASNSCLYNPDDLARMETPSMSPTDLYSISDVNMLSTRPLSVMAPSTDGMGDTDNPRLVSIN
 LENPSCNARLGPRLRLQHQMSPASLSAGTSSSVFVSQSDAFDRSNFSCVDNGLMNEPGLSDDANNPTF
 VQSSHYSVNTLQSEQLSDPFTYGFVKI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_009044

ORF Size: 1767 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_009044.3](#)

RefSeq Size: 2584 bp

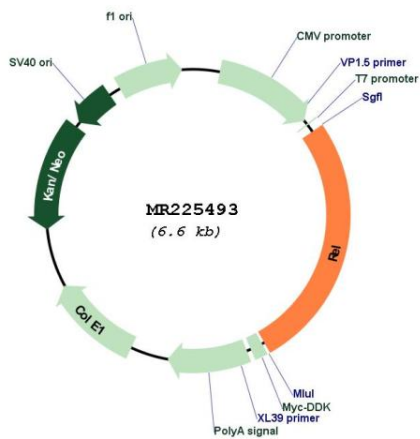
RefSeq ORF: 1767 bp

Locus ID: 19696

Cytogenetics: 11 14.36 cM

MW: 65.1 kDa

Product images:



Circular map for MR225493