

Product datasheet for **MR225810**

II19 (NM_001009940) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: II19 (NM_001009940) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: II19
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR225810 representing NM_001009940
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGACACAGTGC GCGTCTACCTGGCTCCTGGGCATGACGTTGATTCTCTGCTCAGTTCATATCTACA
GTCTTAGGAGATGTCTGATTTCTGTGGACATGCGCCTCATAGAAAAGAGTTTCCACGAGATCAAGAGAGC
CATGCAAATAAGGACACCTTTAAAAATGTCACCATCCTGTCCCTGGAGAACCTCAGGAGCATTAAAGCCT
GGAGATGTGTGCTGCATGACCAACAACCTGCTGACATTCTACAGAGACAGGGTGTCCAGGACCATCAGG
AGAGAAGCCTTGAGGTCTTAAGGAGAATCAGCAGCATTGCCAACTCTTTCCTCTGCGTGCAGAAATCTCT
GGAGCGATGTGAGGTGCACAGACAATGTAAGTGCAGTGCAGGAGCCACCAATGCAACTAGGATCATCCAT
GACAACTACAATCAGCTGGAGGTCTCATCTGCTGCCCTTAAGTCTCTAGGAGAACTGAACATACTTTTAG
CCTGGATTGACAGGAATCATCTGAAACTCCTGCAGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR225810 representing NM_001009940
Red=Cloning site Green=Tags(s)

MKTQCASTWLLGMTLILCSVHIYSLRRCLISVDMRLIEKSFHEIKRAMQTKDTFKNVTILSLENLRSIKP
GDVCCMTNLLTFYRDRVFQDHQERSLEVLRRISSIANSFLCVQKSLERCQVHRQCNCSEQEATNATRIIH
DNYNQLEVSSAALKSLGELNILLAWIDRNHLETPAA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9008_a01.zip

Restriction Sites: Sgfl-Mlul



[View online >](#)

Cloning Scheme:


ACCN: NM_001009940

ORF Size: 528 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_001009940.2](#)

RefSeq Size: 1066 bp

RefSeq ORF: 531 bp

Locus ID: 329244

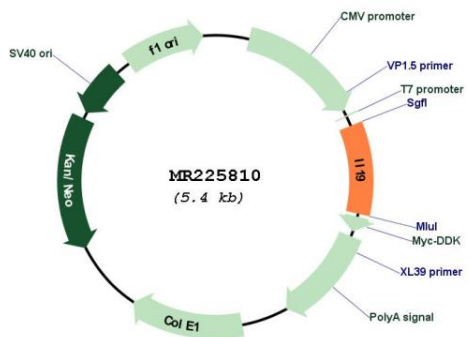
UniProt ID: [Q8CJ70](#)

Cytogenetics: 1 E4

MW: 20.7 kDa

Gene Summary: May play some important roles in inflammatory responses. Up-regulates IL-6 and TNF-alpha and induces apoptosis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR225810