

Product datasheet for MR201619

II17b (NM_019508) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: II17b (NM_019508) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: II17b
Synonyms: 1110006O16Rik; 1700006N07Rik; Zcyto7
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201619 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACTGGCCGACAGCCTGCTCTTCTCTGGCCATCTCCATCTTCTGGCGCAAGCCACCCCGGA
 ACACCAAAGGCAAAGAAAAGGGCAAGGGAGGCCAGTCCCTTGGCCCTGGGCTCATCAGGTGCCGT
 GGACCTGGTGTCTCGAGTAAAGCCCTACGCTCGAATGGAAGAGTATGAGCGGAACCTTGGGAGATGGT
 GCCAGCTGAGGAACAGCTCCGAGCCAGCAAGAAGAAATGTGAAGTCAATCTACAGCTGTGTTGTCCA
 ACAAGAGGAGCCTGTCCCATGGGGCTACAGCATCAACCAGACCCAGCCGCATCCCTGCGGACTTGCC
 CGAGGCGCGGTGCCTATGTTTGGTTGCGTGAATCCCTTACCATGCAGGAGGACCGTAGCATGGTGAGC
 GTGCCAGTGTTACGCCAGGTGCCGGTGCGCCGCCCTCTGTCTCAACCTCCTCGCCCTGGGCCCTGCC
 GCCAGCGTGTCTCATGGAGACCATCGCTGTGGGTTGCACCTGCATCTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201619 protein sequence
 Red=Cloning site Green=Tags(s)

MDWPHSLLFLLAISIFLAPSHPRNTKGKRKQGRPSPLAPGPHQVPLDLVSRVKPYARMEEYERNLGEMV
 AQLRNSSEPAKKKCEVNLQLWLSNKRSLSPWGYSINHDPSTRIPADLPEARCLCLGCVNPFMTQEDRSMVS
 VPFVSQVPVRRRLCPQPPRPGPCRQRVVMEIIVGCTCIF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



Cloning Scheme:


ACCN: NM_019508

ORF Size: 543 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_019508.1](#), [NP_062381.1](#)

RefSeq Size: 692 bp

RefSeq ORF: 543 bp

Locus ID: 56069

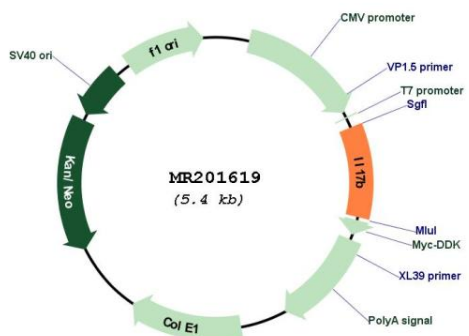
UniProt ID: [Q9QXT6](#)

Cytogenetics: 18 E1

MW: 20.3 kDa

Gene Summary: Stimulates the release of tumor necrosis factor alpha and IL-1-beta from the monocytic cell line THP-1.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR201619