

Product datasheet for MC201006

Zfp191 (BC011345) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zfp191 (BC011345) Mouse Untagged Clone
Tag: Tag Free
Symbol: Zfp191
Synonyms: ZF-12, Znf191, KOX17, Znp191
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC011345
GCTGGGGCAGGCTGGGCACGGCGCTGTGAGGCGGGAGGTCGCTGAAGACCTGGATCCTGCCGAGTGCCGG
ATTGCACATTCCACGAGCTTGGTGCAGTACAAAGAGTACTTTTGAGGAAAACAGGGTATTTCTCTGAGGT
GTATACCTTGCCTCCATTGCCTTTTCTTGAAGTACTGTAACAGAATGTCTGCACAGTCAGTGGAAGAAGA
TTCAATACTTATCATCCCAAATCCAGATGAAGAAGAAAAAATTCTGAGAGTGAACTAGAGGAGGATCCT
GATGGTGAAGAGGGATCGAGCATTCTCTGGAACCATCTCCCTGACCCGGAGGTTTTCCGGCAGCGTTCA
GGCAATTTGGTACCAGGATTCACCAGGACCTCGAGAGGCGGTGAGCCAGCTCCGAGAATTTGCCGCCCT
GTGGCTCAGACCAGACACACAAAAGGAGCAGATACTGGAGCTGGTAGTTTTGGAGCAGTTTGTGGCC
ATCCTACCAAGGAGCTACAGACTTGGGTTGAGAGCATCACCCAGAGAATGGAGAGGAGGCAGTGGCTG
TTCTAGAGGACTTGGAGAGTGAGCTTGATGACCCTGGTCAGCCGTTTTCTCTCCGTCCGAGAAAACGGGA
AGTGCTTGTAGAAGAGATAACATCTCAAGAAGATGCTCAGGGATTACCGAGTTCTGAGCTGGATGCTGTA
GAGAACCAGCTCAAGTGGGCATCCTGGGAACTCCACTCTCTGAGGCACTGTGATGATGATGCCACGACAG
AAAATGGAGCACTGGCTCCCAAGCAGGAGATGGCTTCAGCTGGAGAGTCTCATGAAGGCCCGGCACTCT
CAACATAGGTGTTCCCGAGCTTTTAAATATGGAGAACTGTTTTCCCAAGGGTAGGTTTGAAGAAAAG
AGAAATCCTTCTAGAAAGAAAACAACACATATGTGATGAATGTGGGAAACACTTCAGTCAGGGCTCCGCC
TCATTCTTCATCAGAGAATCCACAGTGGCGAGAAAACCGTATGGATGTGTTGAATGTGAAAAGCCTTCAG
CAGAAGCTCCATCCTTGTGCAACACCAGAGAGTCCACACTGGAGAAAAACCTACAAATGCCTTGAATGT
GGGAAAGCTTTTAGCCAGAATTTCTGGGCTCATTAACCATCAGCGTATCCACACTGGGAGAAAACCTTACG
AGTGTGTCAGTGTGGGAAATCCTACAGTCAGAGCTCAAACCTCTTCAGACATCAGAGACGACACAATGC
AGAAAAACTTTTGAATGTTGTGAAGTTTTAAGAAATTAGGAGGAAAACAATCAGCACTCAGGTCTTTTTCT
TCAGAAATGAAGACAAAATTAATAAATGAAGAGATATGAAAACCTATTTTTCCCTGTTGACTGGGAAAA
TCTACTGGGAAATAGAAAAAAAACCTCATTACCATTATTATCTTGAAGAAAATGGTGTATACCTG
CCTAGAAACTGAAATTTTAAATAATTCAGGTGTTAATACCTAAAAAAAACCTT

Restriction Sites: RsrII-NotI
ACCN: BC011345



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Insert Size:	1107 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:	<ol style="list-style-type: none">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:	<u>BC011345</u> , <u>AAH11345</u>
RefSeq Size:	1526 bp
RefSeq ORF:	1107 bp
Locus ID:	59057
Cytogenetics:	18 A2
Gene Summary:	Transcription factor required for myelination of differentiated oligodendrocytes. Required for the conversion of oligodendrocytes from the premyelinating to the myelinating state. In the developing central nervous system (CNS), involved in the maintenance in the progenitor stage by promoting the cell cycle. Specifically binds to the 5'-TCAT-3' DNA sequence. Has transcription repressor activity in vitro.[UniProtKB/Swiss-Prot Function]