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Product datasheet for MC219215

Zfp91 (NM_053009) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp91 (NM_053009) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp91
Synonyms:	9130014I08Rik; A530054C17Rik; AL024263; AW545902; Pz; Pzf; Zfp-91
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC219215 representing NM_053009
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCGGGGGAGACGGAGGAGCCGCGATCCCCGGAGCAGCAGGACCAGGAAGGGGGCCCAGCAGCGGCGG
CCGACGCGGCTTCGGAGGAGCTCCGGCCCGGCGCGGCGGCGGCGCCGGCGGCGCCTGCAGAGACCGCGAG
CAGCCGCGTGCTGAGGGGAGGTCGGGACCGCGGCCGGACCGCTGCGGCCGCCGCCGCCGCCGCTGCCGCT
GTGTCCCGCCGGAGAAAGGCCGAGTATCCCCGCCGGCGGAGGAGCAGCCCCAGCAACAGGCCTCCCGACG
GCCCAGGGCATCAGCCCGCGGCCGCGAAGCCCCCGTCTCCTGCTCAGGGCAAGAAGAGTCCGCGACTCCA
GTGTATAGAAAAACTAACAACTGATAAAGATCCCAAGGAAGAGAAAGAAGATGATTCTGTCCTCCCTCAG
GAAGTTTCCATTACTACAACTAGAGCTAGCCGGAGCTGGCGCAGTAGTAGCAGGACCTCTATCTCTCGCC
TTCGAGACAGTGAGAATACTCGGAGCTCTAGGTCCAAGACTGGCTCCTTGCAACTCGTCTGCAAGACAGA
ACCAATTACTGATCAACTTGATTATGATGTTCCAGAAGAACATCAGTCTCCCGGTGGCATTAGTAGTGAT
GAGGAAGAGGAGGAGGAAGAAGAAATGTTAATCAGTGAAGAGGAAATACCATTCAAAGATGACCCAAGAG
ATGAGACTTACAAGCCCCACCTTGAAAGGGAAACCCCAAAGCCACGGAGAAAATCAGGGAAGGTGAAAGA
AGAGAAAGAAAAGAAAGAAATTAAAGTGGAAGTAGAAGTAGAGGTGAAAGAAGAAGAGAATGAAATTAGG
GAAGATGAGGAGCCTCCCAGGAAGAGAGGGAGAAGGCGAAAAGATGACAAAAGTCCGCGGTTACCCAAAA
GGAGAAAAAAGCCTCCAATCCAATATGTCCGTTGTGAGATGGAAGGATGTGGAACTGTTCTTGCTCACCC
TCGCTATTTGCAGCACCACATTAAATACCAGCATTTGCTGAAAAAAAAATATGTATGTCCCCACCCCTCC
TGTGGGCGACTCTTCAGGCTCCAGAAACAACTTCTGCGGCATGCAAAGCATCATACAGACCAGAGGGATT
ATATCTGTGAATATTGTGCTCGGGCCTTCAAGAGTTCCCACAATCTGGCAGTACACCGGATGATTCATAC
GGGCGAGAAGCCATTACAATGTGAGATCTGTGGATTTACTTGTCGACAAAAAGCATCTCTTAATTGGCAC
ATGAAGAAACATGATGCAGACTCCTTCTACCAGTTTTCTTGCAATATCTGTGGCAAAAAATTTGAGAAGA
AGGACAGTGTAGTGGCACACAAAGCAAAAAGCCACCCTGAGGTGCTGATTGCAGAAGCTCTGGCAGCCAA
TGCGGGCGCCCTCATCACCAGCACAGATATCTTGGGCACTAACCCAGAGCCCCTGACACAGCCTGCAGAT
GGTCAGGGGCTTCCTCTTCTTCCTGAGCCCTTGGGAAACTCAACAGCTGGAGAGTGCCTACTGCTAGAAG
CTGAAGGGATGTCAAAGTCATACTGCAGTGGGACAGAACGGGTGAGCCTTATGGCTGACGGGAAGATCTT
TGTGGGAAGTGGCAGCAGTGGGGGCACTGAAGGGCTGGTCATGAACTCGGATATACTCGGTGCTACCACA
GAGGTTCTGATTGAAGATACAGACTCTACTGGACCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_053009

Insert Size: 1719 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_053009.3, NP_443735.2
RefSeq Size:	5624 bp
RefSeq ORF:	1719 bp
Locus ID:	109910
UniProt ID:	Q62511
Cytogenetics:	19 8.73 cM
Gene Summary:	The protein encoded by this gene is a member of the zinc finger family of proteins. The gene product contains C2H2-type domains, which are the classical zinc finger domains found in numerous nucleic acid-binding proteins. The homologous human protein has been shown to function as a regulator of the non-canonical NF-kappaB pathway in lymphotoxin-beta receptor signaling. A read-through transcript variant composed of Zfp91 and the downstream Cntf gene sequence has been identified, but it is thought to be non-coding. Read-through transcription of Zfp91 and Cntf has been observed in both human and mouse. A Zfp91-related pseudogene has also been identified on chromosome 17. [provided by RefSeq, Oct 2010] Transcript Variant: This variant (1) represents the monocistronic transcript. It encodes the longer isoform (a). COMPLETENESS: complete on the 3' end.