

Product datasheet for **MC219414**

Zfp467 (NM_020589) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp467 (NM_020589) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp467
Synonyms:	1190001I08Rik; AB041616; AI426952; AV017623; EZI; MNCb-3350; Znf467
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC219414 representing NM_020589
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGAGAGACCTGGAGCCCTGAACTCCTTGGGATTCTCAGTGGGACAGCCAGAGATGGCTCCCCAGA
 GTGAGCCCAGGGATGGGTTTCAGTAATGCCAGGAGAAGATGTCATCCAGAGGAGAGACACTGCACTC
 CTGCTCAGGGCATGAGACTCCTGGCCAGAAAGAAGGCATCCACACAGAACAAGCTGAAGCTCCTGTATG
 GGCAGCCAGGCCAGTACCCACAGAAGGCCAACCCTGCAGGCTCTGTCCAGGGGAGGAATGGATGATTC
 GGAAGGTGAAGGTAGAGGATGAGGATCAGGAGGCAGAGGAGGAGTGAATGGCCCCAGCATCTCTCCTT
 CCTTCCAGTCTTTTCCACTCCTGACTTGGGTCACTGGCTGTACGTACAACTGGAGCCAGGGACT
 CCGGGAGCACTAGGTGAATCGCGCTGTCCGGTGGGCCCGATCCCTGAGAAGCCTTATGGCTGCGAGG
 AATGCGAGCGGCTTCCGGGATCAGCTAACTGCGGCTCCACCAGAGGTTGCACCGGGGTGAGGGTCC
 TTGTGCCTGCCCGACTGTGGCCGAGCTTCACGCAGCGTCTCATATGCTCCTGCACCAACGCAGCCAC
 CGCGGAGAGCGTCCCTTCCCGTGTCTCAGAGTGCACAAGCGCTTACGCAAGAAGGCCACCTGACCCGCC
 ACCTGCGCACGCACACTGGCGAGCGTCCCTACCCGTGCGCTGAGTGGCGCAAACGCTTACGCCAGAAGAT
 TCACCTAGGCTCGCATCAGAAGACCCACACCGGAGAGCGGCCCTTCCCCTGCACCGAATGCGAGAAACGT
 TTCCGCAAGAAGACGCATCTGATCCGCCACCAGCGTATCCACACCGGCGAGAGGCCCTACCAAGTGCACCC
 AGTGCACGCGCAGCTTACACACAAGCAACACCTGGTGGCGCACAGAGGGTGCACGATGCTGCTAGCCG
 CACCCGGTCTCTCCAGACATTCCTGTTGCTCCCCATCCCCACCGCTCTCTTACCCCGTCCCCTCT
 GGGCCAAAGCCTTTCGCTTGTCCACTGCGGGCAGAGCTTCGGCTGGAAAAAGAACCTCGCTACGCACC
 AGACTCTGCATCTCACCGAGGGTCTCTTTTGGGTGCGATGAATGTGCACTCGGCACCAACGTGGACCC
 CGCCGCGAGCCCTCGGCCTGCACTCCCATGCGCCTGACTGTGGACCGGTTTCGGGGCCCGCGCACCC
 CAGCGCACCACTCCAGCGAGCGTCTTCTTCTGCCCGACTGCGGGCAGGCTTTGCCACGGGCAGC
 ACCTGGCCGCCACCGCGGGTGCACACGGGCAAGGCCATTTGCTGTGCTCAGTGTGGCCGCCGCTT
 CGGCTCACGACCAATCTAGTCGCCACTCCCGGGCCATAGCGGCGCCAGACCTTTTGCCTGTGCGCAA
 TGTGGCCCGCTTTCAGTCGAAATCTCACCTGGGCGCCACCAGGCAGTGCACACTGGTGTGCGCCCC
 ACGCCTGCGCCGCTGCGCCCGCTTTCAGCTCTAAAACCAACCTGGTCCGCCATCAGGCAATCCATAC
 AGGTTCCCGCCCTTTTCTGCCCTCAGTGGCCAAAGAGCTTCAGCCGCAAGACCATCTGGTGGCGCAC
 CAACGCATCCATGGGGACGCGGCCCTCCAGCCCAAGCCTCGAACCTCTCTGCTCCAGCCTGGTCCAATC
 CCTCCGAGGTGGTACCACCTCCAATCTTTTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_020589
- Insert Size:** 1785 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.

RefSeq: [NM_020589.2](#), [NP_065614.2](#)

RefSeq Size: 3629 bp

RefSeq ORF: 1785 bp

Locus ID: 68910

UniProt ID: [Q8JZL0](#)

Cytogenetics: 6 B2.3

Gene Summary: Transcription factor that promotes adipocyte differentiation and suppresses osteoblast differentiation in the bone marrow. Enhances the osteoclast-supporting ability of stromal cells. Binds with STAT3 the consensus sequence 5'-CTTCTGGGAAGA-3' of the acute phase response element (APRE). Transactivates several promoters including FOS, OSM and PPARG. Recruits a histone deacetylase complex.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript. Both variants 1 and 2 encode the longest isoform (a).