

Product datasheet for **MC219413**

Zfp467 (NM_001085415) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp467 (NM_001085415) 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



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Fully Sequenced ORF: >MC219413 representing NM_001085415
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGAGAGACCTGGAGCCCTGAACTCCTTGGGATTCTCAGTGGGACAGCCAGAGATGGCTCCCCAGA
GTGAGCCCAGGGATGGGTTCAAGTAAATGCCAGGAGAAGATGTCATCCAGAGGAGAGACACTGCACTC
CTGCTCAGGGCATGAGACTCCTGGCCAGAAAGAAGGCATCCACACAGAACAAGCTGAAGCTCCTGTATG
GGCAGCCAGGCCAGTACCCACAGAAGGCCAACCCTGCAGGCTCTGTCCAGGGGAGGAATGGATGATTC
GGAAGGTGAAGGTAGAGGATGAGGATCAGGAGGCAGAGGAGGAGTGAATGGCCCCAGCATCTCTCCTT
CCTTCCCAGTCTTTTCCACTCCTGACTTGGGTCACTGGTGTACGTACAACTGGAGCCAGGGACT
CCGGGAGCACTAGGTGAATCGCGCTGTCCGGTGGGCCCGATCCCTGAGAAGCCTTATGGCTGCGAGG
AATGCGAGCGGCTTCCGGGATCAGCTAACTGCGGCTCCACCAGAGGTTGCACCGGGGTGAGGGTCC
TTGTGCCTGCCCGACTGTGGCCGAGCTTCACGCAGCGTCTCATATGCTCCTGCACCAACGCAGCCAC
CGCGGAGAGCGTCCCTTCCCGTGTCTCAGAGTGCACAAGCGCTTACGCAAGAAGGCCACCTGACCCGCC
ACCTGCGCACGCACACTGGCGAGCGTCCCTACCCGTGCGCTGAGTGGCGCAAACGCTTACGCCAGAAGAT
TCACCTAGGCTCGCATCAGAAGACCCACACCGGAGAGCGGCCCTTCCCCTGCACCGAATGCGAGAAACGT
TTCCGCAAGAAGACGCATCTGATCCGCCACCAGCGTATCCACACCGGCGAGAGGCCCTACCAAGTGCACCC
AGTGCACGCGCAGCTTACACACAAGCAACACCTGGTGGCGCACCCAGAGGGTGCACGATGCTGCTAGCCG
CACCCGGTCTCTCCAGACATTCCTGTTGCTCCCCATCCCCACCGCTCTCTTACCCCGTCCCCTCT
GGGCCAAAGCCTTTCGCTTGTCCACTGCGGGCAGAGCTTCGGCTGGAAAAAGAACCTCGCTACGCACC
AGAGTCTGCATCTCACCGAGGGTCTCTTTTGGGTGCGATGAATGTGCACTCGGCACCAACGTGGACCC
CGCCGCGAGCCCTCGGCCTGCACTCCCATGCGCCTGACTGTGGACCGGTTTCGGGGCCCGCGCACCC
CAGCGCACCACTCCAGCGAGCGTCTTCTTCTGCCCGACTGCGGGCAGGCTTTGCCACGGGCAGC
ACCTGGCCCGCCACCGCGGGTGCACACGGGCAAGGCCATTTGCTGTGCTCAGTGTGGCCGCGCTT
CGGCTCACGACCAATCTAGTCGCCACTCCCGGCCATAGCGGCGCCAGACCTTTTGCCTGTGCGCAA
TGTGGCCCGCTTCAAGTCGAAATCTCACCTGGGCGCCACCAGGCAGTGCACACTGGTGTGCTGCCCC
ACGCTGCGCGTCTGCGCCGCTGCTTCACTCTAAAACCAACCTGGTCCGCCATCAGGCAATCCATAC
AGGTTCCCGCCCTTTCTGCTCAGTGGCCAAAGAGCTTCAGCCGCAAGACCATCTGGTGGCGCAC
CAACGCATCCATGGGGACGCGGCCCTCCAGCCCAAGCCTCGAACCTCTCTGCTCCAGCCTGGTCCAATC
CTCCGAGGTGGTACCACCTCCAATCTTTTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001085415

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_001085415.1](#), [NP_001078884.1](#)

RefSeq Size: 3276 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 (2) has a distinct 5' UTR, compared to variant 1. Both variants 1 and 2 encode the longest isoform (a).