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Product datasheet for RN206600

Zfp467 (NM_001024327) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp467 (NM_001024327) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfp467
Synonyms:	Znf467
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

Fully Sequenced ORF:

>RN206600 representing NM_001024327
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGAGAGACCCTGGAGGCCCTGAACTCTTTGGGATTCTCAGTGGGACAGCCAGAGATGGCACCCCAAA
GTGAGCCCAGGGATGGGTTCAGTAATCCCCAGGAGAAGATGTCATCTAGAGATGAGAGCACACTGCACTC
ATGCTCAGGGCCTGAGACCCCTGGCCAGAAAGAAGGTATCCACACAGAACAAGCTGAAGCTCCTTGTATG
GGCAGCCAGGCCTGTATCCCACAGAAGGCCGAGCCTGCAAGCTCTGTCCCAGGGGAGGAATGGATGATTC
GGAAAGTGAAGGTAGAGGATGAGGACCAGGAGGCAGAGGAGGAGGTGGAATGGCCCCAGCATCTCTCCTT
CCTTCCCAGTCCTTTTCCTACTCCTGACTTGGGTCAGTTGGCTGTTGCATACAAACTGGAGCCAGGGACT
CCGGGGACACTAGGTGGAATCGCGCTGTCCGGGTGGGCGCCGATCCCTGAAAAGCCTTATGGCTGCGAGG
AATGCGAGCGGCGATTCCGGGACCAGCTAACTCTGCGGCTGCATCAGAGGTTGCACCGGGGTGAGGGTCC
TTGTGCCTGCCCGGACTGTGGCCGCAGCTTCACGCAGCGTGCTCATATGCTTCTGCACCAACGCAGCCAC
CGCGGAGAGCGTCCCTTCCCGTGCTCAGAGTGCGATAAGCGTTTCAGCAAGAAAGCCCACCTGACCCGTC
ACCTGCGCACTCACACTGGCGAGCGTCCCTACCCGTGCGCCGAATGCGGCAAACGCTTCAGCCAGAAGAT
TCACCTAGGCTCGCACCAGAAGACCCACACTGGCGAGCGGCCCTTCCCCTGCACGGAATGCGAGAAGCGT
TTCCGCAAGAAGACGCACCTGATCCGCCACCAGCGTATCCACACAGGTGAGAGGCCCTACCAGTGCACCC
AGTGTACACGCAGCTTCACCCACAAGCAACATCTGGTGAGGCACCAGAGGGTGCACGATGCTGCTAGCCG
CACCCGGTCCTCTCCCGACATTCCTGCTACTCCCCATCCCCCGACCGCGTCTCTTGCCCCATCCCCTACT
GGGCCCAAGCCTTTCGCCTGCTCCCATTGCGGGCAGAGCTTTGGCTGGAAAAAGAACCTCGCTACGCATC
AGAGTCTGCACCTCACCGAGGGTCGTCCTTTTGGGTGCGATGAATGTGCACTCGGCACCAACGTGGACCC
CGCTGCCGAGCCCTCCGCCTGCACTCCCCATGCGCCTGACTGTGGCCCGGGTTCGGGGCCCGTGGCACCC
CAGCGCACGACCTCTAGCGAGCGCTCCTTCTTCTGCCCCGACTGCGGGCGCGGCTTCGCCCACGGGCAGC
ACCTGGCCCGGCACCGGCGCGTGCACACGGGTGAAAGGCCATTTGCCTGTGCTCAGTGTGGCCGCCGCTT
CGGCTCACGACCCAATCTAGTCGCCCACTCCCGGGCTCACAGCGGCGCCAGACCTTTTGCCTGTGCACAG
TGTGGCCGCCGCTTCAGTCGGAAATCTCACCTGGGCCGCCACCAGGCAGTGCACACTGGCAGCCGCCCCC
ACGCTTGCGCCGTCTGCGCCCGCTGCTTCAGCTCCAAAACCAACCTGGTCCGCCACCAGGCGATCCATAC
GGGCTCCCGTCCCTTTTCCTGCCCTCAGTGCGCCAAGAGCTTCAGCCGCAAGACCCACCTGGTGCGGCAC
CAACGCATCCATGGAGAAGCGGCCCTCCCAGCCTCAGCCTCAAACCTCTCTGCTCCAGCCTGGTCCAATC
CCTCCGAGGTGGTACCGCCTCCAATCTTCTTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001024327

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_001024327.1, NP_001019498.1
RefSeq Size:	2865 bp
RefSeq ORF:	1785 bp
Locus ID:	500110
UniProt ID:	Q5RJR4
Cytogenetics:	4q24
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 (By similarity).[UniProtKB/Swiss-Prot Function]