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Product datasheet for MC203431

Zfp354c (NM_013922) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp354c (NM_013922) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp354c
Synonyms:	5330421P20Rik; AJ18; AW743325; Kid3; mKIAA4218; Tcf17l2; Znf354c
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC079908

GTTCTCTGGGGCTTCTCCCGGTGGCGGGGCTGCTCGCGGCGTTTTGGGGGGCTCCTGGTGGAGGTGATCC
TGACTGTGCTAGGAGAGAGCGTCTGGGGCCGACATCCTCGAGACTGCTCGTGCTGAGAGTGGTGGGAGCG
AGCGCCGGCGTCCGCATATTTGGTCAGCACTCGGCTCTCCTTTGGCAGAAAAACTAAGAAGGGAAATGGC
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GATGAGTGGTTGCACCTGGACCCTGCTCAGAGAAGCCTGTACCGAGAGGTGATGCTGGAGAACTACAGCA
ACCTGGCCTCGCTGGGGTTTCAGGCTTCAATACCTCCTGTGATTGGCAAGCTGCAAAAAGGGCAAGATCC
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CATCCCTTACTCCATATCAGAAATTTCTGAAAGGAGACAAGCCTGAGAACTTTAATTCATCGCTGTGATC
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GAGACATTGGAGATGATAATTAAGTTGTACTTTTCAAATAGCCAATATGTTGGAACAAAAAGATGCCTGA
GACAGCCACATGCAAGGTGTGATCTTTTATTGAGAAATAAAGTCAAAAAAAAAAAAAAAAAAAA

Restriction Sites: AscI-NotI

ACCN: NM_013922

Insert Size: 1683 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:	BC079908, AAH79908
RefSeq Size:	5103 bp
RefSeq ORF:	1683 bp
Locus ID:	30944
UniProt ID:	Q571J5
Cytogenetics:	11 30.93 cM
Gene Summary:	May function as a transcription repressor. Binds to 5'-CCACA-3' core sequence. Suppresses osteogenic effects of RUNX2. May be involved in osteoblastic differentiation (By similarity). Plays a role in postnatal myogenesis, may be involved in the regulation of satellite cells self-renewal (PubMed:27446912).[UniProtKB/Swiss-Prot Function]