

Product datasheet for **MC218293**

Zfp385 (BC017644) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Zfp385 (BC017644) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Zfp385
 Synonyms: Hzf; Zfp385; Znf385a
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >BC017644
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGCCACCGATGGACCTCAAGCAGATCCTGCCCTTCCCACTAGAGCCAGCCCCAACCTGGGCCTCT
 TCAGAACTACAGACAATGGACCCTGTACAGAAAGCTGTGCTCTCCCACTTTTGAGGACCCCTTGCT
 CAAGACCAAGCGCCAGTCATTTCTGTAATGTCTGTGTCAGATCCGCTTCAATTCTCAGAGCCAGGCTGAG
 GCGCACTACAAGGTAATCGCCATGCCGAAGAGTCAAAGGCATCGAAGCTGCCAAAACCCGAGGAGGG
 AGCCTAGTGTCCGGGAATCAGGAGATCCAGCTCCAGCAGGCAGCATCCCTCCGAGTGGGGATGGTGTAGC
 CCCTCGTCCAGTTTCCATGGAGAATGGCCTGGGTCCAGCTCCAGGATCCCCAGAGAAACAGCCTGGCTCC
 CCATCCCCCTCCAGTGTTCAGAGTCCGGACAGGGTGTAAACCAAGGGTGAAGGGGAACTTCAGTCCCAG
 CTTCCCTGCCCTGGGGTAGCAAGGAAGAGGAGGAGAAGGTAAGCGTCTGCTCTACTGTGCACTGTGCAA
 GGTGGCTGTGAATCCCTGTCCCAGCTTGAGGCACATAACAAAGGTAAGCACAAGACAATTTGGAG
 GCCCGAAGTGGCTGGGACCCATCAAAGCTTACCCTCGTTGGGGCTCCCACTCCTGGGAACCCAGAGG
 CTCTGCCAGGACCGAACCTTCCACTGTGAGATCTGCAATGTCAAGGTCAATTCGGAGGTCCAGTGAA
 ACAGCACATCTCCAGCAGGAGGCCAGGATGGCGTGGCTGGGAAGCCCAACCCTCTACTGAGCCGGCAC
 AAGAAGCCTAGGGCGCTGCAGAGCTGGCGGGCAGCTGACTTTCTCAAAGGAGCTGCCAAGTCCCTGG
 CCGGTGGCTGCTCCCCAGCCCCCTAGCGGTGGCTGCGGTGATGGCCGCTGCAGCAGGATCTCCGCTGTC
 CCTGCGTCCAGCTCCAGCTGCACCTTTCTGCAGGGACCACCGATCACACACCCTCTACTCCACCCTGCC
 CCAGGACCCATCCGAAGTGGCACGGACCCATCCTCTTCTCCCCCTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: BC017644



Insert Size:	1101 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:	<ol style="list-style-type: none">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:	BC017644 , AAH17644
RefSeq Size:	2377 bp
RefSeq ORF:	1100 bp
Locus ID:	29813
Cytogenetics:	15 F3
Gene Summary:	RNA-binding protein that affects the localization and the translation of a subset of mRNA. May play a role in adipogenesis through binding to the 3' UTR of CEBPA mRNA and regulation of its translation. Targets ITPR1 mRNA to dendrites in Purkinje cells, and may regulate its activity-dependent translation. With ELAVL1, binds the 3' UTR of p53/TP53 mRNAs to control their nuclear export induced by CDKN2A. Hence, may regulate p53/TP53 expression and mediate in part the CDKN2A anti-proliferative activity. May also bind CCNB1 mRNA. Alternatively, may also regulate p53/TP53 activity through direct protein-protein interaction. Interacts with p53/TP53 and promotes cell-cycle arrest over apoptosis enhancing preferentially the DNA binding and transactivation of p53/TP53 on cell-cycle arrest target genes over proapoptotic target genes. May also regulate the ubiquitination and stability of CDKN1A promoting DNA damage-induced cell cycle arrest. Also plays a role in megakaryocytes differentiation.[UniProtKB/Swiss-Prot Function]