

Product datasheet for **MC209814**

Zfp385a (NM_013866) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp385a (NM_013866) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp385a
Synonyms:	Hzf; Zfp385; Znf385a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC209814 representing NM_013866 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATCCTCGGCAGCCTGAGCCGGGCAGGGCCCTCCCTCTGCTCCGGCAGCCCCCATCATGCAGCCAC
CGATGGACCTCAAGCAGATCCTGCCCTTCCCACTAGAGCCAGCCCCAACCTGGGCTCTTCAGCAACTA
CAGCACAATGGACCCTGTACAGAAAGCTGTGCTCTCCCACTTTGGAGGACCTTGCTCAAGACCAAG
CGGCCAGTCATTTCTGTAAATGTCTGTCAGATCCGCTTCAATTCTCAGAGCCAGGCTGAGGCGCACTACA
AGGGTAATCGCCATGCCGAAGAGTCAAAGGCATCGAAGCTGCCAAAACCCGAGGAGGGAGCCTAGTGT
CCGGGAATCAGGAGATCCAGCTCCAGCAGGCAGCATCCCTCCGAGTGGGGATGGTGTAGCCCTCGTCCA
GTTTCCATGGAGAATGGCTGGGTCCAGCTCCAGGATCCCAGAGAAACAGCCTGGCTCCCCATCCCTC
CCAGTGTCCAGAGTCGGGACAGGGTGTAAACCAAGGGTGAAGGGGAACTTCAGTCCCAGCTTCCCTGCC
TGGGGGTAGCAAGGAAGAGGAGGAGAAGGCTAAGCGTCTGCTCTACTGTGCACTGTGCAAGGTGGCTGTG
AACTCCCTGTCCCAGCTTGAGGCACATAACAAAGGTAAGCACAAGACAATTTGGAGGCCGAAGTG
GGCTGGGACCCATCAAAGCTTACCCTCGTTGGGCTCCCACTCCTGGGGAACCAAGAGGCTCCTGCCCA
GGACCGAACCTTCCACTGTGAGATCTGCAATGTCAAGTCAATTCCGAGGTCAGCTGAAACAGCACATC
TCCAGCAGGAGGCACCGAGATGGCGTGGCTGGGAAGCCCAACCCTCTACTGAGCCGGCACAAGAAGCCTA
GGGGCGCTGCAGAGCTGGCGGGCAGCTGACTTTCTCAAAGGAGCTGCCAAGTCCCTGGCCGGTGGCT
GCTCCCCAGCCCCCTAGCGGTGGCTGCGGTGATGGCCGCTGCAGCAGGATCTCCGCTGTCCCTGCGTCCA
GCTCCAGTGCACCTTCTGTCAGGGACCACCGATCACACACCCTCTACTCCACCCTGCCCCAGGACCCA
TCCGAAGTGGCAGGACCCATCTTCTCCCTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_013866
Insert Size:	1161 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:	<u>NM_013866.2</u> , <u>NP_038894.2</u>
RefSeq Size:	2320 bp
RefSeq ORF:	1161 bp
Locus ID:	29813
UniProt ID:	<u>Q8VD12</u>
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]