OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC224293

Zfp335 (NM_199027) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp335 (NM_199027) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp335
Synonyms:	1810045J01Rik; NIF-1; Nif1; Znf335
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224293 representing NM_199027 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGAGGAGAACGAGGTGGAGAGCAGTAGCGACGCGGCCCCTCGGCCCGGCCAGCCTGAGGAGCCTTCTG AGAGCGGCCTGGGTGTGTGCACCTCGGAAGCTGTGTCCGCGGACAGCAGCGACGCTGCGACCGTCCCAGG ATTAACGGAGGCTGACGACTCTGGCGTCGGGCAGAGCTCGGACGGTGGCAACCACTCTGTGGAGGAGGTA TCTGAGAGCATCTCAACAGACCCTTTGCCTCATGGCTGCCTCCCTGATTCATCTTCTGTGTCCCGGGGAC CAGTAGCAGAGATGCCTGGTGGCCCCCCAGCTCTGGTGCATTCCAGTGTTCTCCCAGACCCCAGCATGCT GGTGTCTGACTGCACAGCCTCCTCTTCAGACCTAGGCTCTGCCATTGACAAGATCATCGAATCTACCATT GGTCCAGACCTCATCCAGAGCTGCATCACTGTGACCAGTGGTGAAGAGGGAGGAGCTGAGACCACACAGT ACCTGATCCTGCAAGGCCCGGATGACGGCGCTCCCATGGCATCATCCATGTCTACTTCCACCTTGGCCAA CAGTCTGGCAGCCATTGAAGCCCTGGCTGACGGCCCCACATCCACATCTGCATGCCTTGAGCCTCCCGAG GAGCCCCAGGGAGATCCCAGCTCTGTAGCGCAGCAACCCCCAGCTCCTGTCACTGAAGAGCTGGACCTGC AAAGCTTGGAGGCCATGATGGAGGTGGTGGTTGTGCAACAGTTCAAGTGCAAGATGTGCCAGTACCGGAG CAGCACCAAGGCAACCCTGCTCCGCCACATGCGGGAACGGCACTTCCGCCCAGCACTAGCAGCAGCAGCA GCAGCAACTGGTAAAAGGGGCCGTGTACGGAAGTGGGGCACTTCCACCAAGACCACAGAGGAGGACAGGC CAGAGGAGGAGGAGGAGGACGACGACATCGTGGATGCCGGGGCGATTGACGATCTGGAGGAGGACAGTGA CTACAATCCAGCTGAGGATGAGCCCCGGGGCCGGCAGCTAAGGCTCCAGCGCCCCACACCCAGTACCCCG AGACCTCGACGGAGGCCTGGCCGGCCCCGAAAGCTGCCTCGCCTAGAGACCTCAGACCTTCATGATGGTG TAGGACAGCCTCTAGTGAGTTCGCAGAGCACACAGAGCCCTCCAGAGTTGCAGGATCTCGAGGCTCCCAG CTCCTCGGGCCTGAGGGCCCTGGGCAAGGTGGGGAGGGGCCTGGTGGAATCAGGCGTTAGTCAGTCGGAT GCTGAGAACGCAGCCCCATCGTGCCAGGATGAAGCTGATGCCCCACCCCGCCGCCGCGGAAGACCTTCCA GGCGGTTCCTAGGGAAGAAATACCGAAAGTACTACTATAAGTCACCCAAGCCACTGCTCAGGCCTTATCT GTGCCGCATATGTGGCTCACGCTTCCTGTCCCACGAAGACCTTCGCTTCCACGTCAACTCCCATGAGGCT

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GGTGACCCACAGCTCTTCAGGTGCCTGCAGTGCAGCTACCGCTCCCGCCGCTGGTCCTCGCTCAAGGAGC
ACATGTTCAACCACGTGGGCAGCAAGCCCTACAAGTGTGACGAGTGCAGCTACACCAGTGTCTACCGCAA
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ACCAATCAGGAGGAAGCTACCTACATCCAGGAAATCACAGCAGATGGCCAGACAGTACAGCATCTGGTGA
CCTCAGACAACCAGGTTCAGTATATCATCTCTCAGGATGGTGTCCAGCACTTACTGCCTCAGGAGTACGT
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CTCAGCTGGAAGCTGCCGCACACTCCGCTGTCACAGCGGTGGCTGATGCTGCCATGGCCCAAGCCCAGGG
CCTGTTTGGCACTGAGGAGGCAGTGCCGGAGCAGATCCACCAGCTGCAGCATCAGGGCATCGAGTACGAC
GTCATTACCCTCTCGGATGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_199027

Insert Size: 4014 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_199027.2, NP_950192.2
RefSeq Size:	4610 bp
RefSeq ORF:	4014 bp
Locus ID:	329559
UniProt ID:	A2A5K6
Cytogenetics:	2 H3
Gene Summary:	Component or associated component of some histone methyltransferase complexes may regulate transcription through recruitment of those complexes on gene promoters. Enhances ligand-dependent transcriptional activation by nuclear hormone receptors. Plays an important role in neural progenitor cell proliferation and self-renewal through the regulation of specific genes involved brain development, including REST. Also controls the expression of genes involved in somatic development and regulates, for instance, lymphoblast proliferation. [UniProtKB/Swiss-Prot Function]