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 MC224887

Zfp142 (NM_029888) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Zfp142
Synonyms:	9330177B18Rik; BB154236; mKIAA0236
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>MC224887 representing NM_029888
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACAGACCCTGTGTTGGCATCCCAGCTGGCTAATGGCACTGGGGAGATGGATGGACTGTGCTCTGAAC
TATTGTTGATTCCCCCACCTCTCTCAAACCATGGAATCCTGGGCCCTGTCCAGAATACCTGTGCTTCTGG
GGAGCTTGCACCTTTGCCTGCTGACCCAGGCTGCCTGCTGGTAGAGGCCACAGCTACTGAAGAGGGTCCA
GGGAACATGGAGATCATTGTGGAAGCAGTAACTGGAACTCTGTCCCCAGGAGCTCCTGAAGAGACCTCAG
AGTCTGGCTGTGTGTTCTCTGCTGAAGATCGCAAGGGTCTGCAGAATCACCTGAGACAGACCCACAAGGC
AGTTCCTGTGCCCTGTTCATTCCGGGGCTGCTCCCTGCTTTTTGGGAGTCAGCAGGGAATGGAGCTGCAT
CGGCAGGCCCATTACCCTTTCCACTGCAGCCATTGCAGCTTCATGGGCTCCAACGTCAAACTATTCCGGC
AGCATCAGCGGAGCCATGGAGCCAGTGCACGGGGAGAACTTTCTGCTGCTGTTCAGGGCCTTCCATCCCA
GGAGCTACTGCCAGCTGCCAAACTGCCTCCGGGACACAGAGAACCTTCTGAGGAAGCAAGTACACCTTTG
CCTGGGCAGGAGTCAGCTGAAGAGGAGGATGCAGAGGAAGAGGAGAGCGTCACCCAAAAAGACTCCCAGA
AAGTCATGGATAAAAGCCAAGGGGCTCAGCAGTTGGAAGGGCATGTGGGTTCAGGCACTGAGTCTCTCTT
CAAGACACACATGTGCCCAGAATGCAAGCGCTGCTTTAAGAAGCGGACCCATTTGGTAGAGCACCTACAT
CTGCACTTTCCAGACCCAAGCCTCCAGTGTCCTAACTGCCAGAAGTTCTTCACCAGCAAGAGCAAGCTCA
AGACCCATCTGCTGCGGGAGCTGGGCGAGAAGGCCCACCGATGTCCTCTGTGCCACTACAGTGCAGTAGA
GAGGAATGCACTTAACCGCCACATGGCCAGCATGCACGAGGATATTTCCAACTTCTACTCAGACACCTAT
GCCTGTCCCGTCTGTCGTGAGGAATTCCGCCTCAGCCAAGCACTCAAGGAGCACCTCAAAAGCCACACAG
CAGCAGCTGCAGCAGAACCATTACCCCTACACTGCTTTCAGGAGGGCTGCACATATGTAGCACCTGACCG
TAAGGCCTTCTTAAAGCACCTAAAGGAGATCCATGGAGTACGGGCTGTGGAGTGCCGCCATCACTCGTGT
CCCATGCTTTTTGCCACAGCTGAAGCCATGGAAGCCCACCACAAGAGCCATTATGCTTTCCACTGTCCCC
ACTGTGACTTTGCCTGCTCCAATAAGCACTTGTTCCGCAAACATAAGAAACAAGGTCACCCAGGCAGTGA
AGAGCTACGGTGCACCTTCTGTCCCTTTGCCACCTTCAACCCAGTAGCCTACCAGGACCACGTTGGCAAG
ATGCATGCTTATGAGAAGATCCACCAGTGCTCTGAATGTAACTTTGCCACTGCCCACAAAAGGGTGCTTA

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TCCGACACATGCTGCTGCATACTGGAGAGAAGCCTCACAAATGTGAGCTCTGTGACTTCACATGCCGAGA
TGTTAGCTACCTATCGAAGCACATGCTGACCCACTCCAACACCAAGGATTACATGTGTACTGAATGTGGC
TATGTCACCAAGTGGAAGCACTACCTGAGTGTGCACATGCGGAAACATGCAGGGGATCTCAGATACCAAT
GCAACCAGTGCTCCTACCGCTGCCATCGAGCTGATCAGCTGAGCAGCCACAAACTACGGCACCAGGGCAA
GTCCCTCATGTGTGAGGTGTGTGCCTTTGCCTGCAAGCGGAAGTATGAGCTACAGAAGCACATGGCTTCC
CAGCACCACCCTGGCACACCTGCCCCACTCTACCCCTGCCGCTATTGTAGCTATCAGAGCCGCCACAAGC
AGGCCCTCCTGAGCCATGAGAACTGCAAGCACACCCATCTCCGTGAGTTTCACTGCGCCCTCTGTGACTA
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GTTTGGCAGTTCTGCAATGCTAGCCAAGAGTTGGAGGGGGCTAGGCAGTGCCTGGCACCTCCTTCAGACT
CAGGACCTTCAAGCCAGCTGTCTGCCCAGCCTGAGAGAGAAGACCGTGAACATGAAATTGTGGCTAACTC
CAATATGGACCAGGCCCTGCCAGAGACAAATGAGGAGGCCAGCCCCAAAAGACAAGATGGCATTGAGGCT
CCCCAAGAGGATGATCAGGTTGACAGCCCCAGCCTGGGGGAGGTGGAAGAGGGTGGCTGCACACTACACT
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CACTGTGGAGTTCAGGCCTCTGGATCCCTCAGGACCATTGGGAACAGAAAGACCAGGTGGACTAGAAGAG
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GACAAAGAACAAGCAGAAGCGTTGGTGTTGGAGGGCCGGGTACAAATGGTCGTGATCCAGGGAGAAGGAA
GAGCCTTCCGCTGCCCACACTGTCCTTTTATCACTCGCCGGGAAAAAGCCCTAACTCTGCACTCCAAATC
GGGGTGCCAAGGTCGCCGAGAGCCCCTGCTATGCCCTGAGTGTGGAGCTAGCTTTAAGCAACAGCGGGGC
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CTCCCACTCTACATCCTCAGCTCCCAGATAACCAAGCCTCACAGGATGCTGAAAGTAGGAAGCCCCCACC
TTTACCATCAAAGGTAGAGCTCTTGCTTCCAAAAGATGCTCCTTCTGACCTCCCTGGGGGGCCAGGAGTA
GAGGAACCTCTTCCCACACCCTCTGACTTCCCAACCTCTCCACCAGAAAACTCCTTACCCACAGGGACCT
CTGAGAAGTTCCACTTTGAGCAAGGCAAGTTTCACTGCAGCTCGTGTACATTCCTTTGTTCTCGGCTTTC
TTCTATTACCTCTCATGTGACTGAAGGCTGTAGAGGGGGGCGTGGCCAGAAAAGAAAGCGTGGGCGCCCC
CAGACCCATGCAGTTGTGCTTCCTCTTAACAATGGGGACTCTACCCTCCTGAATACTGGAAGTACAGAGT
CCAGTCCTAGTGATGGGGACACAGCTGTGGTTCAGAAGCAAAAGGGTGCCCTCTTCTCCTGCCCCACATG
TCCCTTTAGCTGTCAGCAGGAAAGGACCCTGAGGACTCACCAGACCCAGGGCTGCCCCCTTAAGTCTGGA
GATCTGCACTGTGGTCTCTGCCCATTCACTGCTCCTGCTGCTGCTGCCCTGAGGCTCCATCAAAAACGGA
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CAAACAAAGCCGGTGCCTTCAGCAGCATCGGCGGCTCAAGCATGAGGGTGTGAAGCCACATCAGTGCCCT
TTCTGTGACTTTTCTACTACTAGACGGTACCGGTTAGAGGCCCACCAGTCTCGACACACAGGTGTTGGCC
GCATCCCTTGCAGCTCCTGCCCTCAGACATTTGGTACCAACTCAAAACTGCGCTTGCATCAACTACGAGT
ACATGACAAAACACCCACTCACTTCTGTCCACTGTGTGACTATAGTGGTTATCTTCGTCATGACATCACT
CGCCATGTCAACAGCTGCCACCAGGGCACCCCTTCCTTTTCCTGCACTCAGTGTGAAGCCCAGTTTAGCT
CAGAAACAGCACTCAAGCAGCATGCTCTGCGACGACACCCAGAACCCACACCTCCTTCCTCTGGCTGTCC
TGTAGAGGTCACCGAAGGCCCCTTGCACTGTTCCCACTGTGGCCTGCTCTGTCCCAGTCCTGCCAGCCTG
CGAGGACACACCCGTAAACAGCACCCAAGGCTGGAGTGTGGGGCCTGCCAGGAGTCCTTCCCTAACCGTC
CAGCTCTTGATGAGCATCGGAGGCAACATCATTTCAGCCACCGCTGCCAGCTCTGCAGCTTTGCCGCCCG
GGAGCGAGTAGGCCTGGTGAAGCACTACCTGGAACAGCACGAGGAGTCTTCAACAGCCCCCTCAGATGGG
GATGCTGGCCAGCCCTCTCTTTGCTGCCCCTTTTGTGACTTTGCATGTCGCCATCAGTTGGTGCTTGATC
ACCATGTAAAGGGACATGGAGGTACCCGGCTTTACAAGTGTACTGACTGTGCCTATAGCACCAAAAATCG
GCAGAAGATCACCTGGCACAGCCGCATTCACACTGGGGAAAAGCCTTACCACTGTCACCTCTGCGCCTAT
GCCTGTGCTGACCCTTCCCGCCTCAAGTACCACATGCGGATCCATAAGGAGGAACGGAAGTACCTATGCC
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GCCTTACCAATGTCCTGAGTGTGAGTACTGCACCAACCGGGCTGACGCACTGCGGGTACACCGGGAGACA
CGGCACAGAGAAGCCCGGGCTTTCATGTGTGAGCAGTGTGGCAAGGCATTCAAGACACGCTTCCTGCTGC
GCACCCACCTCCGAAAGCACAGTGAGGCCAAGCCCTATGTTTGCAATGTTTGCCACCGTGCTTTCCGCTG
GGCTGCTGGACTGCGACATCATGCTCTTACCCATACCGATCGCCACCCATTCTTCTGCCGCCTCTGCAGC
TACAAGGCCAAGCAAAAGTTCCAGGTGGTCAAGCATGTGCGTAGGCACCACCCTGACCAGGCCGACCCCA
ACCAGGGTGTTGGCAAAGACCCCACCACTCCCACAGTGCATCTACATGATGTGAAGCTGGAAGATCCCAG
CCCTCCTGCTCCTCCCGCTCCCTCTACTGGACCTGAGGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_029888
Insert Size:	5223 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_029888.3, NP_084164.1
RefSeq Size:	6192 bp
RefSeq ORF:	5223 bp
Locus ID:	77264
UniProt ID:	G5E869
Cytogenetics:	1 38.54 cM
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate in-frame splice junction compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.