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 MC228432

Zfp12 (NM_001289590) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp12 (NM_001289590) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp12
Synonyms:	C530015C18; Krox-7; Zfp-12; Znf12
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

View online »

Fully Sequenced ORF:

>MC228432 representing NM_001289590
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGCAGGCTGATGGAGGAGGACCAGGGAGGTGAAGAGAACCAGTCAAGTTCAGCTGTGTTCAGCTACA
GAAGCCGGGCTGATGCCTCTAGTAAGGCCACTGATGGAGAAACAAAGCCCTTTCCCTCACAGAAGGCCCT
CCCTCAGTGCAACTCCTGTGAGAAGAGCCTGATGTGTGTCTCGGCGTTCATCCGAAGCGACGGAAGCTAC
GCAAAACTGAGGCCCAATGTGTGTGCCGGGTGTGGGAAGCCCCTCCCCTGCAGCAAGCCCGAGGAAACAC
ACCCTGGAGGTGAGTCTTACGAATTTAGTGGGGATGGAGATGAGGACCCTCTCGGTGAAGAAGGCGTGTA
TCAGAAGGGTCACTTTTTGGAGGAGCCCTTTGAATACGTTGAGTGCCAGAAATCCTTCCCCAAGGGCACT
GTGTTTCTTAATCACCTGGAAGAGGAGCCCTGCGACTGGAATGACGCTGAGGTCGCTTTCCTGCAGACGT
CAGACCTCAGTGCCCACCAGGATTCTCTCATGGAAATGAAGCCCTACGAGTGCCAGCAGTGTGGGAAGTC
CTTCTGCAAAAAGTCCAAGTTCGTCATCCATCAGAGGACTCACACAGGAGAGAAGCCCTTCAAGTGCAGT
CAGTGTGGGAAGTCCTTCTGCCAGAAGGGCACCCTCACCGTCCACCAGAGGACGCACACCGGGGAGAAGC
CCTACGAGTGTACCGAGTGCGGGAAGACCTTCTACCAGAAGCTGCACCTCATTCAGCACCAGAGGACCCA
CTCGGGCGAGAAGCCCTACAAGTGTGGCTACTGCGGGAAGTCCTTCTGCCAGAAGACGCATCTCACTCAG
CACCAGAGGACGCACTCGGGAGAGAGGCCCTATGTTTGTCACGACTGTGGCAAGACGTTCTCTCAGAAGT
CAGCACTCAATGACCACCAGAAGATCCACACGGGCGTCAAACTCTACAAATGCAGCGAGTGTGGCAAGTG
CTTCTGCCGCAAGTCCACGCTCACAACCCACATGAGGACGCACACGGGCGAGAAGCCGTACGAATGCAAC
GAGTGCGGCAAGTTCTTCTCCAGGCTGTCGTACCTCACCGTGCATTACAGAACCCACTCGGGGGAGAAGC
CCTACGAGTGTGCGGAGTGCGGGAAGTCCTTCTACCTGAACTCAGCCCTTATGAGACATCAGAGGGTGCA
CACGGGGGAGAAGCCTTACGAGTGTAACGAGTGTGGGAAATTATTCTCGCAGCTGTCCTACCTCACCGTG
CATCACAGAACTCACTCAGGAGTGAAGCCCTATGAGTGTAGCGAGTGTGGAAAGACCTTCTACCAGAATT
CAGCCCTCTGTAGACACCGGAGAATTCACAGAGGGGAGAAGCCCTATGAATGCTACATCTGTGGCAAGTT
CTTTTCTCAGATGTCTTACCTCACGATCCATCACAGAATTCACTCAGGGGAGAAGCCCTATGAGTGCCGC
GAGTGTGGGAAGTCCTTCTGCCAGAACTCAGCCCTCAACAGACACCAGCGCACGCACACGGGAGAAAAAG
CCTACGAGTGTTACGAGTGTGGGAAATGCTTCTCCCAGATGTCTTATCTCACTATCCATCACAGGATCCA
CTCGGGAGAGAAGCCCTTCGAGTGTAACGAGTGTGGGAAAGCCTTCTCTCGGATGTCGTACCTCACTGTG
CACCACAGGACCCACTCAGGAGAGAAGCCCTATGAATGTACGGAGTGCGGGAAGAAATTCTACCACAAGT
CCGCGTTCAATAGCCATCAGAGAACTCACAGGAGAGGGAGCGGGAATGGGGTTGATTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001289590

Insert Size: 1809 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	NM_001289590.1, NP_001276519.1
RefSeq Size:	5346 bp
RefSeq ORF:	1809 bp
Locus ID:	231866
UniProt ID:	Q7TSI0
Cytogenetics:	5 G2
Gene Summary:	Transcriptional repressor which suppresses activation protein 1 (AP-1)- and serum response element (SRE)-mediated transcriptional activity.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) contains an alternate exon in the 5' region and initiates translation from a downstream in-frame start codon, compared to variant 1. The encoded isoform (3) has a shorter N-terminus than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.