

Product datasheet for **MC228672**

Zfp12 (NM_001289589) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp12 (NM_001289589) 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: >MC228672 representing NM_001289589
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATACATCCTTAGGCCACTGTCATTCAAGGATGTGGCTGTGGCCTTCTCCCAGGAGGAGTGGCAGC
 AGCTGGACCCGTAGGAAAGGACGACATACAGGGATGTGATGCTGGAGACCTACAGCAACCTCGTCTCCGT
 GGGGTATGACATTATCAAACCGGATGTTATCATCAAGTTGGAACAAGGAGAAGAGCCATGGATAGTAGAA
 GGAGCGTCTCGCCTCAGAGCTATCCAGATGAGATCCGGCACATGAGCAGGCTGATGGAGGAGGACCAGG
 GAGGTGAAGAGAACCAGTCAAGTTCAGCTGTGTTAGCTACAGAAGCCGGGCTGATGCCTCTAGTAAGGC
 CACTGATGGAGAAACAAAGCCCTTCCCTCACAGAAGGCCCTCCCTCAGTCAACTCCTGTGAGAAGAGC
 CTGATGTGTGCTCGGCTTCCGGAAGCGACGGAAGCTACGCAAACTGAGGCCCAATGTGTGTGCCG
 GGTGTGGGAAGCCCTCCCTGCAGCAAGCCCGAGGAAACACACCCTGGAGGTGAGTCTTACGAATTTAG
 TGGGGATGGAGATGAGGACCCTCTCGGTGAAGAAGCGTGTATCAGAAGGTCACATTTTGGAGGAGCCC
 TTTGAATACGTTGAGTGCCAGAAATCCTTCCCAAGGGCACTGTGTTTCTTAATCACCTGGAAGAGGAGC
 CCTGCGACTGGAATGACGCTGAGGTGCTTCTCCTGCAGACGTGACACTCAGTGCCACCAGGATTTCTCT
 CATGGAATGAAGCCCTACGAGTGCCAGCAGTGTGGGAAGTCTTCTGCAAAAAGTCCAAGTTTCGTATC
 CATCAGAGGACTCACACAGGAGAGAAGCCCTTCAAGTGCAGTCACTGTGGGAAGTCTTCTGCCAGAAGG
 GCACCCTACCGTCCACCAGAGGACGCACACCGGGGAGAAGCCCTACGAGTGTACCGAGTGCAGGAAAGC
 CTTCTACCAGAAGCTGCACCTCATTAGCAGCAGAGGACCCACTCGGGGAGAAGCCCTACAAGTGTGGC
 TACTGCGGAAGTCTTCTGCCAGAAGACGCATCTCACTCAGCACCAGAGGACGCACTCGGGAGAGAGGC
 CCTATGTTTGTGACGACTGTGGCAAGACGTTCTCTCAGAAGTCACTCAATGACCACCAGAAGATCCA
 CACGGGCGTCAAACCTACAAAATGCAGCGAGTGTGGCAAGTCTTCTGCCGCAAGTCCACGCTCACAAAC
 CACATGAGGACGCACACGGGCGAGAAGCGTACGAATGCAACGAGTGCAGCAAGTCTTCTCCAGGCTGT
 CGTACCTACCGTGCATTACAGAACCCTCGGGGAGAAGCCCTACGAGTGTGCGGAGTGCAGGAAAGTC
 CTTCTACCTGAACCTCAGCCCTTATGAGACATCAGAGGGTGCACACGGGGAGAAGCCTTACGAGTGAAC
 GAGTGTGGGAAATTTCTCGCAGCTGTCTACCTACCGTGCATCACAGAATCACTCAGGAGTGAAGC
 CCTATGAGTGTAGCGAGTGTGGAAAGACCTTCTACCAGAATTCAGCCCTCTGTAGACACCGGAGAATTCA
 CAGAGGGGAGAAGCCCTATGAATGCTACATCTGTGGCAAGTCTTTTCTCAGATGTCTTACCTCACGATC
 CATCACAGAATCACTCAGGGGAGAAGCCCTATGAGTGCAGGAGTGTGGGAAGTCTTCTGCCAGAAT
 CAGCCCTCAACAGACACCAGCGCACGACAGGAGAAAAGCCTACGAGTGTACGAGTGTGGGAAATG
 CTTCTCCAGATGTCTTATCTCACTATCCATCACAGGATCCACTCGGGAGAGAAGCCCTCGAGTGTAAAC
 GAGTGTGGGAAAGCCTTCTCAGGATGTGCTACCTCACTGTGCACCACAGGACCCACTCAGGAGAGAAGC
 CCTATGAATGTACGAGTGCAGGAAAGAAATCTACCACAAGTCCGCGTTCAATAGCCATCAGAGAATCA
 CAGGAGAGGGAGCGGGAATGGGGTTGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001289589

Insert Size: 2061 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:	<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_001289589.1</u> , <u>NP_001276518.1</u>
RefSeq Size:	5276 bp
RefSeq ORF:	2061 bp
Locus ID:	231866
UniProt ID:	<u>Q7TSI0</u>
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 (1) encodes the longest 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.