

Product datasheet for **MC219048**

Zfp512 (NM_172993) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp512 (NM_172993) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp512
Synonyms:	2500002M11Rik; AI450173; D230008H22; Znf512
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219048 representing NM_172993
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCCTCCAGACTCGGTGCAGTCACCGCCACCCCGGACCACATCCCTTAAGCAGCAGAGGAGCACCA
GGATCGTGGGAGCTAAGAATAATAGGGCCAGTCTCCATAAAGGATAACAGTTTCCAGTACACCATCCC
TCATGAGGACTCCCTGAGTGGCTCGTCATCCGCCTCCTTGTGAACCAGTCAGTGAATTACAGCAACC
CTCCGAAAATCTACCTACTGGATGAAGATGAGAAGAATCAAGCCTGCTGCCACTTACAGGTTGAAGGCG
CAGGTGAAAAGAAAAGGAGAGGGCCAAAGGAAAGAGGAACGTCAGCAAGAAGAAGATGAAGACTATCG
CGAGCTTCTCAAAGAAGCACAAGCTGTATGGGAGGAAGCAGCGGCCTAAAGCTCAGCCTACCCCAAA
CCCCAGGCTCGTCGGTCCGGAAGGAGCCGCCAGTCTATGCAGCAGGCAGTATGGAGGAAAAGTGGTACT
TAGAGATCATGGATAAAGGCAGTGTCTCTGCTACCTGCCAGGCAGTGGGAGGAAGACCATAGAGGG
TTTAAAGAAACACATGGAAAACGCAAAACAGGAAATGTTACCTGCCATCATTGTGGAAAACAATTCAT
TCACTGGCCGGAATGAAGTATCACGTATGGCCAATCATAATAGTCTGCCAATTTGAAGGCAGGAGATG
AAGTAGATGAGCCAAGTGAAGGAGAGGCTGCCAACAGTTTTAAAGAGAATGGGAAAGCTCCGGTGCAT
GCGTGAGAGTTGCTCCAGTACCTTACCAGCATTATGGGATATCTGTACCATGTTAGAAAGTGTGGCAAA
GAGGCTTCAGAGCTCGAGAAGTTGGCCCTGAAATGTCACCACTGTGGGAAACCGTACAGGTCAAAGGCTG
GGCTTGCATACCACATGAGGTGAGAGCATGGGCCTGTCTTCTCCAGAGTCAGAACAGCCAGACTGTTT
AAAGGAGATGAGTTTGGAGGCAAAGGTGGAGGCCGAGTTCAGCGCGTCTGCCAAGATAGCTGTGTAC
CATCTGCAGGAGCTGGCTCCGCTGAACTAACCAAGGAATGGCCGAAGAGGAAGTCTCCAGGACCTGG
TACCTGATGACCGAAGTTAAAATATACTGCCCTGGTTACCTACCTTTAGCCAGGAAGTCTGCACAA
GTGGAAGACGGATATCAAGAAGTACCATCGTATCCAGTGTCTAACCAGGTTGTGAGGCTGTCTACAGT
AGTGTATCTGGCCTGAAAGCTCACCTGGGCTCTGTACATTGGGCACCTTCGTGGCTGAAAAGTACAAGT
GTCTCCTGTGTGAGAAAGAGTTTGTGTGAGAGAGCGGGTCAAGTATCACATCAACTCTGTTTCATGCCGA
GGATTGGTTTGTGTGAACCAACAACCACGAAAAGCTTTGAGAAGCTGATGAAGATAAAGCAGCGGCAG
CAGGAGGAGGAGAAGCAGCGGCAGCAGCAGGAAAGGCGGCGTCTGAGACGCCAGCAGCCATGCA
TGGAGCCTCCCGAGAGCCAGCTGGAGCCAAAGGCAGGAAAGGAGCAGGCGGGAATGAGGAGCTGGTGGG
ACCCGACCCAGAGCCAGTCCAGCACAGCCCCAGAAAGCCGAACCCGCCAAGACCACTCACAAACGAGGG
AGGAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_172993

Insert Size: 1689 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.

RefSeq: [NM_172993.3](#), [NP_766581.2](#)

RefSeq Size: 3317 bp

RefSeq ORF: 1689 bp

Locus ID: 269639

UniProt ID: [Q69Z99](#)

Cytogenetics: 5 B1

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).