

Product datasheet for **MC204655**

Zfp24 (NM_021559) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp24 (NM_021559) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp24
Synonyms:	3526401F17Rik; 5033419P20Rik; AI480505; AI642085; AL024422; KOX17; ZF-12; Zfp191; Znf24; Znf191
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC054832
 GGAAGCGGCGGCTGCGTCTGCCCGGACGACGAGGCTGCGGCGGGTCCCGAGCCAGAGGAGTACTTTT
 GAGGAAAAACAGGGTATTTCTCTGAGGTGTATACCTTGCCTCCATTGCCTTTTCTTGAAGTACTGTAACAG
 AATGTCTGCACAGTCAGTGGAAGAAGATTCAATACTTATCATCCCAAATCCAGATGAAGAAGAAAAAATT
 CTGAGAGTGAACTAGAGGAGGATCCTGATGGTGAAGAGGGATCGAGCATTTCTGGAACCATCTCCCTG
 ACCCGGAGGTTTTCCGGCAGCGCTTCAGGCAATTTGGATACCAGGATTCACCAGGACCTCGAGAGGCGGT
 GAGCCAGCTCCGAGAACTTTGCCGCTGTGGCTCAGACCAGAGACACACAAAGGAGCAGATACTGGAG
 CTGGTAGTTTTGGAGCAGTTTGTGGCCATCCTACCCAAGGAGCTACAGACTTGGGTTTCGAGAGCATTACC
 CAGAGAATGGAGAGGAGGCACTGGCTGTCTAGAGGACTTGGAGAGTGAGCTTGTGACCCTGGTCAGCC
 GGTCTCTCCGTCGGCAGAAAACGGGAAGTGCTTGTAGAAGAGATAACATCTCAAGAAGATGCTCAGGGA
 TTACCAGTTCTGAGCTGGATGCTGTAGAGAACCAGCTCAAGTGGGCATCCTGGGAACTCCACTCTCTGA
 GGCAGTGTGATGATGATGCCACGACAGAAAATGGAGCACTGGCTCCCAAGCAGGAGATGGCTTCAGCTGG
 AGAGTCTCATGAAGGCCCGGCACTCTCAACATAGGTGTCCCCAGCTTTTTAAATATGGAGAAACCTGT
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 GAAACACTTCAGTCAGGCTCCGCCCTCATTCTCATCAGAGAATCCACAGTGGCGAGAAACCGTATGG
 ATGTGTTGAATGTGAAAAGCCTTCAGCAGAAGCTCCATCCTTGTGCAACACCAGAGAGTCCACACTGGA
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 AGATGAGCCTTAAGATCTCAGATGAGAGATGGTAGCAAACTTCAGAGAGTAGAGGGGACACACTGGGCA
 CTTACCCAGTGAAGCATGCACTTAGGTACAGTCACTGTAGGAAAACCGAAAAGAAAAGTATTTTA
 CCTAAGTGTGGGAATCTACTAATTAATAAGTGTTCCTGTGTAAAAACAGACAGTTGTAAAAGTATG
 GTAAGGCAGACACTAAGGAAGAATGTAGTGTGTTGAAAGGCAATGTAAAGTTAGGTAATTACATGACA
 TGCTTTTAGAAAACCTCAAACATCTAATTCATTTGCCTCATGCTAGTTAAGGACAGGACATTCCTTGAT
 GGGGTGGGTAACAATATCAGGTTTGCTATTTTTATTCCTTTGGTACACAAGGGTTTAAACACCAGGCTAAA
 ACAGCCATACATTTATTATTAACATTTCTACCGACAATGCACTGTGCCAGGTACTGTACTCCTATCGTC
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 TGAGAGCCCCAGAGTTGTAGTCTCTTGCCAGTGTGCTGTGTTGGAGGGAGATGTCGGCTCAGAGTCAG
 CTAGTCAGCTCTTAGCATTCTTCAGAGGTGAGTTCAAATCACACTCTTTTAGTTGAAAGTTAATGAATC
 TAAAAATCCAAACATCATTTCTAGTAGCATTGTGGTTGTAACACAGTTGAATGAACTGTACTTTAAA
 CAACTAAGCTATTAATAACTAGTTTATTAGTTGTCAGAATTGATTTTTTTTTAAATTTACAGTCTTAACA
 CATTTTTAAAAAAAATTTATTAAGAGTAATACATTTTGTAGTAGGATTCTGTATGCCTGTATACTTGGC
 TAAGAATCCAAGTCTGTGGTTCTACTATTTAATGGAAAACCTGGAAGTTAAAGCATTGGATAAGAGAA
 GAGGCTTTTTATATAAGACAGGCACTGTTACATGGAAAACATCCATGCAAGTACAGATATTTTCATAGTT
 CCAGTGATTTGGGTCATATCTGGTGCTTTGTCAAATTTAACGTGAAAAATGAGATTTTTGCCTGAGCCT
 GTTGAAAAGCAGTAATAAATGCCACACAGCTAGTGAAGTGAAGCCGAATGAAGCTTGTTCATGATTTTCT
 GATAACAATTATAAGAAATGTGCTTTATAGATTTAAGATTTATTGAAGTATAAATATGTAGTAATGCTAT
 AATGTATTTTTAAGTTATACAAGAAAATGTAGGGACTTCTGTTTGGGTTTTCTCTGTGGCTGAGAGGAA
 ACAAGTTCATGTCCAATAAAGCTGCAAACTCCTCTGCTCTAGATAAAGAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_021559
Insert Size: 1107 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:	<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:	BC054832 , AAH54832
RefSeq Size:	3143 bp
RefSeq ORF:	1107 bp
Locus ID:	59057
UniProt ID:	Q91VN1
Cytogenetics:	18 A2
Gene Summary:	Transcription factor required for myelination of differentiated oligodendrocytes. Required for the conversion of oligodendrocytes from the premyelinating to the myelinating state. In the developing central nervous system (CNS), involved in the maintenance in the progenitor stage by promoting the cell cycle. Specifically binds to the 5'-TCAT-3' DNA sequence. Has transcription repressor activity in vitro.[UniProtKB/Swiss-Prot Function]