

Product datasheet for **MC220914**

Zfp574 (NM_001168506) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp574 (NM_001168506) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp574
Synonyms:	A630056B21Rik; Znf574
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220914 representing NM_001168506
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGACTGAGGAGAGTGAAGAGACGGTCCTGTACATTGAGCACCGCTATGTCTGCTCTGAGTGCAACCAGC
 TCTATGGATCCTTGGAGGAGGTGCTTGTGCACCAGAACTCCACGTGCCCCAGCAGCACTTTGAGCTGGT
 GGGCGTGGCTGACCTGGAGTCACAGTGCCACAGAGGCTGCTTCAGGCACAGGCCATATCAGACCCTC
 ATCCAAGAGAGCCAGTACCAGTGTCTTGTAGTGTGGCAACTGCTCCTGTCCCCAGCCAGCTCCTGGAGC
 ACCAGGAGCTACACCTGAAGATGATGGCACCAGCAGGAGGAGTGCAGCCAAGCCACCACCAAGGTGCC
 CCCCTTGGGCTCCAGCGCCATCCACTATGAGTGTGTGGACTGTAAGGCTCTGTTCCGCCAGCCAAGAGATG
 TGGCTTAGCCATCGCCAGACGCATCTCAGAGCCACGCCAACAAGGCTCCTGCTCCTGCTGCTTGGGGT
 CCCAGTTGTTTTGGGCCCTCCTGTGGGCCAGGCTCGAGTGGCTGTGGAACATTCATACCGAAAAGCAGA
 AGAGGGTGGGAGGGGGCGGCCGTTCCGTCTGTGGCCGCCACCACCGAGATGGTGACAGAAGTGGAGCTG
 CTCCTCTACAAGTGCTCCGAGTGCTCCAGCTCTTCCAGATGCCCGCTGACTTCTGGAGACCAGGCCA
 CCCACTTCCCTGCTCCTGTCCCGAGGCTGCGGAGCCTGCCACACAGCAGGAAACCCAGGTCCCCTCACC
 CACTGAGGCAGCAGTGTCTCAGCCCCAACCCTGCCAGCCTCTGATCACAGTTATGAGCTGCGGAATGAG
 CTGCGAAATGGGAGGCCATTGGGCGAGACCGCAGGGGACGGAAGCCAAGGAGGAACAACAGTGGAGAGT
 CAGGTGGGGCGGCCACCCAGGAATAATTTGCTCTGCCTGTGACCAGCTCTTCTCTACCCACACAGCT
 ACAGCAGCACCTTCGGAGTCACCGGGAGGGTGTGTTTAAAGTGCCCTGTGCAGTCGTGTCTTCCCTAGC
 CCTTCTAGTCTGGACAGCACCTTGGTGACCATAGCAGTGAGTCTCACTTCTGTGTGAGACTGTGGCC
 TAGCCTTTGGCACCGAAGCCCTCCTCCTGGCCACCGCGAGCCATACCCGAATCCTCTGCATTCTGTG
 TCCTGTGGGAAGACCTTTGTTAACCTCACCAAGTTCCTTTATACCGGGGTACCCACGGAGCAGGAGGT
 GTCCCTTTGCCACAACACCAAGTTCACACAGAGGAGCCTGCTATTAGCTTCTGAGCCAGCCCTGCGAG
 AGACCGGAGAGCTAGAGGCCACAGACTCCCCGTATGTGAGGAGAGTTACGCCGAGCCTGCAGCTCCAGG
 CTCTTACCGCTGCCTCCTGTGTAGCCGGGAGTTTGGTAAGGCGTTGCAGCTGACCCGGCACCAGCGTTTT
 GTGCACCGGCTAGAGCGGCGCCATAAGTGCAGCATTTGTGGCAAGATGTTCAAGAAGAAGTCTCATGTGC
 GGAACCATCTGCGTACACACACTGGGAGCGGCCCTTCCCCTGCCCTGACTGCTCTAAGCCTTTCAACTC
 ACCAGCCAACCTGGCCCGCCACCGGCTCACACACAGGGGAGCGGCCCTACCGGTGTGGGAGTGCAGG
 AAGGCCTTCACGACAGAGCTCCACTCTGAGGCAGCATCGCCTGGTGCATGCCAGCACTTCCCCTACCGCT
 GCCAGGAGTGCGGAGTCCGTTTTACCGCCCTATCGCCTGCTCATGCACCGCTACCACCACACAGGCGA
 GTACCCCTACAAGTGCCGTGAGTGCCCCCGTTCCTTCTTGCTACGCCGGGTGCTAGAGGTCCACCAGCTT
 GTGATCCATGCTGGGCGCCAGCCCTACCGCTGCTCATCCTGTGGGGCGCCTTCCCCTCGTCACTGCGGC
 TCCGTGAGCATCGCTGCGCGGCCGCTGCTGCCAGGCCACCGCGCTTTGAGTGTGGGACCTGTGGCAA
 GAAAGTGGGCTCTGCTGCTCGCTGCAGGCACATGAAGCCGCCATGCTGCTGCGGGTCTGGAGAGGTC
 TTAGCCAAGGAGCCTCCTGCTCCCCGGGCTCGAGAGCCACTCGACACCAGTCGCCCCCTCCCGACAG
 CCCTCAGTGGTACAACCTCTGCTGCCCCTGAGCCCCGCGCGGTGCGGGTCCGAGTGACAGTGAGTG
 CAAGAAGCTCTTCAGCACAGAGAGCTCACTACAGGTCCATCGGCGCATCCACACAGGTGAGCGGCCATAC
 CCCTGTCCAGACTGTGGCAAGGCCCTCCGCCAGAGTACCATCTGAAAGACCACAGACGCCTACACACAG
 GCGAGCGGCCCTTTGCGTGTGAAGTGTGTGGCAAGGCCTTTGCCATCTCCATGCGTCTGGCAGAATCG
 CCGCATCCACACGGGTGAGCGACCCTACTCCTGTCTGACTGTGGCAAGAGCTACCGTTCCTTCTCCAAT
 CTCTGGAAGCACCGCAAGACCCACCAGCAGCAACACCAGCGGCCGTCGACAGCAGCTGGCAGAGGCGG
 AGGCTGCTGTGGCCTGGCTGTGATGAAACTGCAGTGGAGGCTCTGCCCTTGTGGAGGCCATTGAGAT
 CTACCCTCTAGCTGAAGCTGATGGGTCCAGATCAGTGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001168506

Insert Size:	2703 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:	<u>NM_001168506.1, NP_001161978.1</u>
RefSeq Size:	4140 bp
RefSeq ORF:	2703 bp
Locus ID:	232976
UniProt ID:	<u>Q8BY46</u>
Cytogenetics:	7 A3
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]