

Product datasheet for **MC222492**

Zfp574 (NM_175477) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp574 (NM_175477) 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: >MC222492 representing NM_175477
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACTGAGGAGAGTGAAGAGACGGTCTGTACATTGAGCACCGTATGTCTGCTCTGAGTGCAACCAGC
 TCTATGGATCCTTGGAGGAGGTGCTTGTGCACCAGAACTCCACGTGCCACAGCAGCACTTTGAGCTGGT
 GGGCGTGGCTGACCTGGAGTCACAGTGGCCACAGAGGCTGCTTACGGCACAGGCCTATATCAGACCCTC
 ATCCAAGAGAGCCAGTACCAGTGTCTTGTAGTGTGGCAACTGCTCCTGTCCCCAGCCAGCTCCTGGAGC
 ACCAGGAGCTACACCTGAAGATGATGGCACCGCAGGAGGAGTCCAGCCAAAGCCACCACCAAGGTGCC
 CCCCTTGGGCTCCAGCGCCATCCACTATGAGTGTGTGGACTGTAAGGCTCTGTTCCGCCAGCAAGAGATG
 TGGCTTAGCCATCGCCAGACGCATCTCAGAGCCACGCCAACAAGGCTCTGCTCCTGCTGCTTGGGGT
 CCCAGTTGTTTTGGGCCCTCCTGTGGCCAGGCTCGAGTGGCTGTGGAACATTCATACCGAAAAGCAGA
 AGAGGGTGGGAGGGGGCGCCGTTCCGTCTGTGGCCGCCACCACCGAGATGGTGACAGAAGTGGAGCTG
 CTCTCTACAAGTCTCCGAGTGTCCAGCTCTTCCAGATGCCCGCTGACTTCTGGAGACCAGGCCA
 CCCACTTCCCTGCTCCTGTCCCGAGGCTGCGGAGCCTGCCACACAGCAGAAACCAGGTCCTCCCTCACC
 CACTGAGGCAGCAGTGTCTCAGCCCGAACCCCTGCCAGCCTCTGATCACAGTTATGAGCTGCGGAATGAG
 CTGCGAAATGGGAGGCCATTGGGCGAGACCGCAGGGGACGGAAGCCAAGGAGGAACAACAGTGGAGAGT
 CAGGTGGGGCGGCCACCCAGGAATAATTTGCTCTGCCTGTGACCAGCTCTTCTCTACCCACCAGCT
 ACAGCAGCACCTTCGGAGTACCCGGGAGGGTGTTTTAAAGTGTCCCCTGTGCAGTCGTGTCTTCCCTAGC
 CCTTCTAGTCTGGACCAGCACCTTGGTGACCATAGCAGTGAAGTCTCACTTCTGTGTAGACTGTGGCC
 TAGCCTTTGGCACCGAAGCCCTCCTCTGGCCACCGCCGAGCCATAACCCGAATCCTCTGCATTGCTG
 TCCTGTGGGAAGACCTTTGTTAACCTCACCAAGTTCCTTATACCGGGTACCCACGGAGCAGGAGGT
 GTCCTTTGCCCAACACCAGTTCACACAGAGGAGCCTGCTATTAGCTTCTGAGCCAGCCCTGCGAG
 AGACCGGAGAGCTAGAGGCCAGAGCTCCCGTATGTGAGGAGAGTTCAGCCGAGCCTGCAGCTCCAGG
 CTCTTACCCTGCCTCCTGTGTAGCCGGGAGTTTGGTAAGGCGTTCAGCTGACCCGGCACCAGCCTTTT
 GTGCACCGGCTAGAGCGGCCATAAAGTGCAGCATTGTGGCAAGATGTTCAAGAAGAAGTCTCATGTGC
 GGAACCATCTGCGTACACACTGGGAGCGGCCCTTCCCCTGCCCTGACTGCTTAAGCCTTTCAACTC
 ACCAGCCAACCTGGCCCGCCACCGGCTCACACACAGGGGAGCGGCCCTACCGGTGTGGGACTGCGGC
 AAGGCCTTACGCAGAGCTCCACTGTGAGGCAGCATCGCCTGGTGCATGCCAGCACTTCCCCTACCGCT
 GCCAGGAGTGGGAGTCCGTTTTACCGCCCTTATCGCCTGCTCATGCACCGCTACCACCACAGGCGA
 GTACCCCTACAAGTGCCGTGAGTGCCCCGTTCTTCTTGTACGCCGGCTGCTAGAGGTCCACCAGCTT
 GTGATCCATGCTGGGCGCCAGCCCTACCGCTGCTCATCCTGTGGGGCCGCTTCCCCTCGTCACTGCGGC
 TCCGTGAGCATCGCTGCGCGGCCGCTGTGCCAGGCCACCGCGCTTTGAGTGTGGGACTGTGGCAA
 GAAAGTGGGCTCTGTGCTCGCTGCAGGCACATGAAGCCGCCATGCTGCTGCGGGTCTGGAGAGGTC
 TTAGCCAAGGAGCCTCCTGCTCCCGGGCTCGAGAGCCACTCGCACACCAGTCCGCCCTCCCGACAG
 CCCTCAGTGGTACAACCTCTGCTGCCCTGCAGCCCTGCCGGCGTGGGGTCCGGAGTGCAGTGAAGT
 CAAGAAGCTCTTACACACAGAGAGCTCACTACAGGTCCATCGGCGCATCCACACAGGTGAGCGGCCATA
 CCTGTCCAGACTGTGGCAAGCCCTCCGCCAGAGTACCCATCTGAAAGACCACAGACGCCTACACACAG
 GCGAGCGGCCCTTTCGCTGTGAAGTGTGTGGCAAGGCCTTTGCCATCTCCATGCGTCTGGCAGAATCG
 CCGCATCCACACGGGTGAGCGACCCTACTCCTGTCTGACTGTGGCAAGAGCTACCGTTCCTTCTCCAAT
 CTCTGGAAGCACCGAAGACCCACCAGCAGCAACACCAGCGGCCGTCGACAGCAGCTGGCAGAGGCGG
 AGGCTGCTGTGGCCTGGCTGTGATGAAACTGCAGTGGAGGCTCTGCCCTTGTGGAGGCCATTGAGAT
 CTACCCTAGCTGAAGTGTGAGTGGGTCCAGATCAGTGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_175477

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:	<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:	NM_175477.4 , NP_780686.1
RefSeq Size:	4195 bp
RefSeq ORF:	2703 bp
Locus ID:	232976
UniProt ID:	Q8BY46
Cytogenetics:	7 A3
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]