

Product datasheet for **RN209018**

Zfp574 (NM_001024258) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp574 (NM_001024258) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfp574
Synonyms:	Znf574
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN209018 representing NM_001024258

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGACTGAAGAGAGTGAAGAAACGGTCTTGATATTGAGCACCGCTATGTCTGCTCTGAGTGCAACCAGC
 TCTATGGATCCTTGGAGGAGGTGCTTGTGCACCAGAACTCCCATGTGCCCCAGCAGCACTTTGAGCTGGT
 GGGCGTGGCTGACCTGGAGTCACAGTGCCACAGAGGCCACTTCAGGTACAGGCCATATCAGACCCTC
 ATACAGGAGAGCCAGTACCAGTGTCTCGAGTGTGGGCAGCTTCTCCTGTACCCAGCCAGCTCCTGGAGC
 ACCAAGAGCTGCACCTGAAGATGATGGCACCCAGGAGGAGTACCAGCTGAGCCACCACCAAGGTGCC
 CCCCTTGAGCTCCAGCACCATCCACTATGAGTGTGTGGACTGTAAGGCTCTGTTCCGCCAGCAAGAGATG
 TGGCTGAGCCATCGGCAGACGCATCTCAGGGCCACACCAACAAGGCTCTGCCCTGTTGTCTTGGGGT
 CTCCAGTTGTCTTGGGCCCCCTGTGGCCAGGCCGAGTAGCTGTGGAACATTCGTACCGAAAAGCAGA
 AGAGGGTGGGAGGGGGCAGCTGTCCATCTGTGGCTGCTGCCACTGAGATGGTGACAGAGGTGGAAGT
 CTCTCTACAAATGCTCTGAGTGTCCAGCTCTTCCAGATGCCAGCTGACTTCTGGAACATCAGGCCA
 CCCACTTCCCTGCTCCTGTCCCAGAGGCCGAGGAGCCTGCCACCCAGCAGGAACTCTGGTCCCCTCACC
 CACTGAGGCGGCAGTATCTCAGCCTGACCCCTGCCAGCCTCTGATCACAGTTATGAGCTGCGTAACGAG
 CTGAGAAATGGGAGGCCATGGGCGAGATCGCCGTGGGCGGAAGCCCCGGAGGAGCAGCAGTGGAGAGT
 CGGGTGCCACCCAGGAAGTGTCTTGTCTCAGCCTGTGACCAGATCTTTCTCTACCCACCCAGCTGCAACA
 GCACCTTCGGAGTCACCGGGAGGGTGTCTTAAAGTGTCCCTGTGCAGTCGTGTCTTCCCGAGCCCTTCT
 AGTCTGGACCAACACCTTGGTGACCATAGCAGTGAGTCACATTTCTGTGTGTGGACTGTGGCCTAGCTT
 TTGGCACAGAAGCTCTCTCTGCCCCACCGTCGAGCCATACCCGAACCTCTGCATTATGTCCCTG
 TGGGAAGACCTTTGTTAACTCACCAAGTTCTTTATCACCGGCGTACCCATGGAGCAGGAGGTGTCCCT
 TTGCCCCAACACCAAGTTCACACAGAGGAGCCTGCTATCAGCTTTCTGAGCCGGCCCTGCAGAGACTG
 GAGAGCTAGAGGCCCGGAGCTCCCTGTATCTGAGGAGAGTTCAGCTGAGCCTGCAGCTCCAGGCACTTA
 CCGCTGCCTCTGTGTAGCCGGAGTTTAGTAAGGCATTGCAGCTGACCCGGCACCAGCGTTTTGTGCAC
 CGGCTGGAGCGGCGCCATAAATGCAGCATTTGTGGCAAGATGTTCAAGAAGAAGTCTCACGTGCGGAACC
 ATCTGCGTACACACAGGGGAACGGCCCTTCCCTGCCCTGACTGCTCTAAACCTTTCACTCACCAGC
 CAACCTGGCACGGCACCAGCTGACACACAGGGGAGCGGCCCTATCGCTGTGGGACTGTGGCAAGGCT
 TTAAGTCAGAGCTCTACTTTGAGGCAGCATCGCCTGGTGCATGCCAGCATTTCCCTACCGCTGCCAGG
 AGTGTGGAGTACGTTTTACCGCCCTTACCGCCTGCTCATGCACCGCTACCACCACAGGCGAGTACCC
 CTACAAATGTGCGGAGTGCCCCCGCTCCTTCTGCTGCGCCGGCTGCTAGAGGTCCACCAGCTTGTGGTC
 CATGCTGGGCGACAGCCCCACCGCTGCCCGTCTGTGGGGCTGCCTTCCCTCTGCTACTACGGCTTCGTG
 AGCATCGCTGTGCGGCTGCTGCCGCCAGGCCACGGCGCTTTGAGTGTGGCACCTGCGGCAAGAAAGT
 GGGCTCTGCTGCTCGCTGCAGGCACATGAAGTGGCCACGCTGCTGCAGGTCTGGAGAGGTCTTGGCT
 AAGGAGCTCCGGCTCCCCGGGCGCAAGGGCCACTCGCACACCAGTTGCTCCCTCTCAACAGCCCTTG
 GTGGTACAACCTCTGCTGCCCTGCAGCCCTGCCCGGCGCGGGTCTGGAATGCAGTGAGTGCAAGAA
 GCTCTTCAGCACGGAGACATCACTGCAGGTCCATCGGCGCATCCACACAGGCGAGCGGCCATACCCGTGC
 CCAGACTGTGGCAAGGCCCTCCGCCAGAGTACCATCTGAAAGACCACAGGCGCTTGCACACAGGCGAGC
 GGCCCTTTGCTTGCGAAGTGTGTGGCAAGGCCTTTGCCATCTCCATGCGCCTGGCAGAACATCGACGCAT
 CCACACGGGTGAACGACCCTACTCCTGCCCTGACTGTGGCAAGAGCTACCGCTCCTTCTCCAATCTCTGG
 AAACACCGCAAGACTCACCAGCAGCAGCATCAGGCAGCAGTGGCGCAGCAGCTGGCAGAGGCCGAGGCTG
 CTGTGGGCTGGCTGTGATGAAACTGCAGTGGAGGCTCTGCCCTTGTGGAGGCCATTGAGATCTACCC
 TCTAGCTGAAGCGGATGGGGTCCAGATCAGTGGCTAA

 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001024258

Insert Size:	2697 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:	<u>NM_001024258.1</u> , <u>NP_001019429.1</u>
RefSeq Size:	3097 bp
RefSeq ORF:	2697 bp
Locus ID:	308434
UniProt ID:	<u>Q504L7</u>
Cytogenetics:	1q21
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]