

Product datasheet for **RN216948**

Zfp319 (NM_001170478) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp319 (NM_001170478) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfp319
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN216948 representing NM_001170478
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCAGAAAGCTGGCAGCAGCCACCGCAGACTCAGCCACAACAGCCGAGGCACCACAGCCTCAGCACC
ATGCAGAGCCCCCGCAGCCCTGGCTGAACACACGCTGCCCCGGGCACGGCTGAGAACCCTGGGCTG
TGCTGTCTATGGTATACTCCTGCAACCCGACCCAGGCCTACAGCCCCACAGCATGCACCCTGCAAGCA
GGGGAGCCAGGCCCAAATGTGGCGTGTGTGGCCATGATCTGGCACACCTGTCCAGCCCACATGAGCACC
AGTGCCTAGCAGGCCATGACCGCTATTTCACTGCACCCAGTGTCTCAAGATATTTATCAGGCCACCGA
CCTGCTGGAGCACCAGTGTGTGCAGGGGAGCAGAAGCCTTTTGTCTGTGGTGTGGCAAAATGGGCTTC
TCGCTGCTCACCTCACTGGCCCAACACCACAGCTCCCACACCGGCATGGTCAAGTGTCCATTTGTGATA
AGACCTACAAGCCAGCTGAGGCTGCTGAGCCTGCCACCACTACTGCCCCATCGCTGCCCTCAGCACCTCC
CCCCACGAATGTGGCCCCTGTGGAACAACCAGAAAACCTATAGCTGTCCATTTGCCAGAAGCCCTTC
AAGCACCTGTCCGAGCTCTCCCGCATGAACGGATCCACACCGGAGAGAAGCCGTACAAGTGCACCTGT
GTGACAAGAGTTTCAGTCAGTCCTCTCACCTAGTGCACCACAAGCGCACGACAGCTCAGAGCGGCCCTA
CAAGTGTGCTGTCTGTGAGAAGACGTTCAAGCACCGCTCCACCTGGTGCGCCACATGTACGCGCATTCC
GGTGAGCACCACCTGTTCCGCTGCAATGTGTGCGAGCTGCATTTCAAAGAGTCGTGAGAGCTGTGCAGC
ACCCGTGTACCCCAAGTGGGAGCGGCCCTTTCGCTGCGGTGAGTGCCAGAAGGCCTTCAAGCGGCCGTC
GGACCTGAGGCAGCATGAGCGCACGCACAGTGCAGAGAGGCCCTTCAAGTGTGATCTGTGCCCATGGGC
TTCAAGCAGCAGTACGCACTGATGAGGCACCGCGCACGCACAAGACGGAAGAGCCCTTTAAATGCGGCC
TGTGTGAGAAGGGCTTCGGACAGCCCAGCCACCTGCTCTACCACAGCAGTGCACACCCTGGAGACTCT
CTTCAAGTGCCTGGTGTGCCAGAAGGGCTTCGACCACTCCGCTGAGCTGCTGCGGCACAAGTGCCTCCCA
GGCTCCACAGAGCGGCCCTTCAAGTGCCTGGTGTAAACAAGGCCTACAAGCGGGCGTCCGCCCTGCAGA
AGCACCAGCTGTCTCACTGTGCTGCGGCCGAGAAGCCTCTGCGTTGCACCCTGTGTGAGCGCCGCTTTT
TTCCTCTCCGAGTTCGTGCAGCACCCTGTGACCCACCGGGAGAAGCCACTCAAGTGTCCAGACTGC
GAGAAGCGCTTTAAGTACGCTTCAGACCTGCAGCGCCACCGCGGGTGCACACGGGTGAGAAGCCCTACA
AGTGTCCCAACTGCGACAAAGCCTTCAAGCAGCGGGAGCATCTCAACAAGCACCAGGGTGTGCACGCCAG
AGAGCAGCAGTTCAGTGTGTGTGGTGCAGCGAACGCTTCTGGATGTGGCACTGCTACAGGAGCACAGT
GCCAGCACAGTGTCCGCTGCAGCCGCGGAGGGCGCCTACCAGGTGGCAGCCTGCTTGCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001170478

Insert Size: 1746 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001170478.1](#), [NP_001163949.1](#)

RefSeq Size: 2249 bp

RefSeq ORF: 1746 bp

Locus ID: 291849

Cytogenetics: 19p13