

Product datasheet for **MC206599**

Zfp364 (BC023113) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp364 (BC023113) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp364
Synonyms:	2610028E05Rik; AU042696; Zfp364
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC023113
 GCGGACTCACGTGACCCTTGCGGGCCTCGGAGCGGGCGGCCAGAGGAGCGGCGACGGCGGTGGCG
 ACCGCAGCACGGGAGGTAGCGGCCTGGGGAGGGACCGCCGGCCGCTTTTCGGACATCCTCGGCGGAGGC
 GAAACATGGCGGAGGCCTCGGCGCGGGGGCGGACCGGGCTCCGCTGTCGCGCGCACCGTTTCTTCTG
 CCACTTTTGTAAAGGCGAGGTCAATCCAAACTACCGAATATATATGTCCCAGATGTGACTCAGGCTTT
 ATTGAGGAAGTGACAGATGATTCAGTTTTTTAGGTGGTGGTGAAGCCGGACAGACAATAGCACACGGA
 CACATTTTGCAGAGCTTTGGGACCATCTGGATCACACAATGTTTTTACAAGATTTTAGACCATTTTAAG
 TAGCAATCCACTGGACCAAGATAATAGAGCCAATGAGAGAGGTACCCAACTCACACTGACTTTTGGGGA
 CCAAGTCGGCCTCCAAGTTGCCAATGACAAGAAGATACAGTCTCGCGGAAGTACTCGTCCCGACAGGT
 CGCCAGCTATCGAAGGAATAATACAACAGATCTTTGCAGGATTCTTTGCAAATCTGCCATTCTGGATC
 CCCACACCCCTTTTCTTGGAGCGGGATGCTGCACTCCAACCTGGGGACTATGCCTGGGGTACAGACGGC
 CTTGATGCCATTGTAACCCAGCTTCTAGGACAGCTGGAACACACGGTCCCTCCAGCCGACAAGGAGA
 AGATCACATCTCTCCAACAGTTACAGTAACTCAGGAACAAGTCAATACGGGTTTAGAATGTCCAGTATG
 CAAAGAAGATTACACAGTTGAGGGGAAAGTCCGGCAGTTACCCTGCAACCACTTCTTTCACAGCAGCTGC
 ATCGTGCCGTGGTTAGAAGTGCATGACACATGCCAGTATGTAGGAAGAGCTTAAATGGTGAGGACTCTA
 CTCGGCAAACCCAGAGCTCCGAGGCCTCTGCAAGCAACAGATTTAGCAATGACAGCCAGCTACATGACCG
 ATGGACTTTCTGAACTAAAGACCACACCTGAACCAGGGCTGCCTGCGTTAGTCCTGTTATCATAGCTGT
 AAATTGTATCAAACTAAACAAACAAAATAGTAGATGGATTTAGGAATCATGTAAGAAACCTCAACCCA
 TAATATTAATGCAACAGAGTGTATTTCTTCTCTAAATTTAAAGTTAGGACTTACAGGTGGAATTTGTATCG
 ACAACCAATGCCTCTTGTCTCTGAATTTAGTGATAGTTTTATAAGTGTGAACTTAATTTATGTCAGTTT
 TCTCTGCTTGAGTAGAATCAATTCCTAAAGTCTAGGTAGGGTCTACTGTTATGTTGTCTTGTAAATGG
 ATGCTCTACCTCCTCCTCAATCTCTATCCTACCATTAGTGGATTTACAGCAAATAGAGAAGAAGCCA
 GAGCCCTAAGGTCTTTTTTTTTCTTAATTTGTATAAGAGTACAAGTATCTGCTCCTGGCCCATAGCAAG
 GTAAGACTAATTGAGGGTCTGAGACTCTAACGCTGTTCTGTCTTGTATGATCAGAGAGCAAAATCAAGAAA
 ATTACAGTAGGAAGGAAAATGCGGTGCTACTATATACTTTGATTTTCTATTTTATTTAGTTACAGGAAGCACA
 GTTCCCTAAACATCACCATGGCATGTCTTACTTACTTGGGTTGGTAGAAATCTGATTTTGGTTCCTC
 TGTGACATTAATTTAGCAGCATATAGACAGGAGATGTGGGAGATTTACTACTGAAATGTTCTTAAATGA
 CTGTCAACTCATTGTTTATTGCTTTTACTACTAGAACTTACAATAATTTTCTCATAAAAATAATTTCC
 TTCAAAAATAACAATTCCTTCAATTAATAAATAGGATTATTTTATTACTGCTTCTATACCAGTTTACAGTTT
 GGTAATTCATTGTTTATTTAGGAATTAAGTTGTATGTTTCTGTTTATGTTTGTAAAGCTCATTTTTCA
 TGTCTGAAACTTTTCTGTTCTGTTCACTTCTAGCTATACTTGGAAATCAATCTGATCAATGTAATCATGG
 CCAAAACAACCTTAGTTTGGGAAGGTAGATTGTGTTTTACATTCTAGCGATGCTCATACATACTCTGTA
 CGTGTGTTGAAATGGAATAAATGGAGATTGTGGAGCATGTCCAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAGAAA

Restriction Sites: EcoRI-NotI

ACCN: BC023113

Insert Size: 918 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: [BC023113](#), [AAH23113](#)

RefSeq Size: 2287 bp

RefSeq ORF: 918 bp

Locus ID: 67845

Cytogenetics: 3 F2.1

Gene Summary: E3 ubiquitin-protein ligase that mediates E2-dependent, 'Lys-48'- and/or 'Lys-63'-linked polyubiquitination of substrates and may play a role in diverse biological processes. Through their polyubiquitination, may play a role in the endosomal trafficking and degradation of membrane receptors including EGFR, FLT3, MET and CXCR4.[UniProtKB/Swiss-Prot Function]