

Product datasheet for **RN204375**

Zfp112 (NM_001107487) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp112 (NM_001107487) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfp112
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204375 representing NM_001107487
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGACCTTCAGGGATGTGGCCGTGGTCTTCAGCGAGGAGGAGCTGGGGCTGCTGGATGCTGCCCAGA
 GGAAGCTGTACCGAGAGGTGATGCTGGAGAATTCAGGACGCTGCTCTCAGTGGCACATCAGCCTTTCAA
 ACCAGGTCTGATAGCCAGCTGGAGAATGACGAGAAGCTTTGGATGGTGGCGGCAGACGCCCAAGCGGT
 GGGCTCTCAGGAAGAAGGAGTGGACATACTGTGGAGAACGCTGAAGACACAGAGGAATTAACCTCCCTTT
 GTCCTGAGGAATCTCTGTGACACCTGGCCATGGGGTCAAGAGTTTATAAAAGATGCCAAGAGAGTAC
 CAGTGAATCTTGGCGCCAAGGAGGGCTCCCTGCCTGCTGTGGCAGGAATGCCGTTTCCAGATTTCCGAA
 GATGGGAATTACGTGTTGCCTCTGTACATGAAGACTCTGCTTCCATAGAACATCCAGAGTTTCTTCTC
 AGAGATGCCAGCAGTCATGGGAGGAGCCACATCTTGGCAGGCCCTGTAATTGCCTGTGGAAGGTCAGCA
 AACATCATTAAAGATATCACTTCTGTAGGTGTGACAGCATCGGCTGGTCTCTACCACAGTGATGAGGGG
 CTACATGGCAAAGGAAAAAGCTACCGTTTCCATGACCACAGAGGAGAGACTATGAAGGCATCATTACTTA
 ATCAGGACTTGATTGAATTAGGGCCGGAGCCCTGCCCATGTACCAAGTATAGAAAATCCTGGGGCCATGA
 CGATAGCCACCACAGCTCTCACACATCAGCAGTGCCGCTCAGGAGGGAAGCCCCATACACACAGTCCG
 TGTGGAGAGGGCTGTGGGAATAGGTGAGCTCTTCATGGCCATCCAGATCTTGAGACAGGAGATGAAGGTG
 TTGTTAGGAGCCACCTCCTCAGTCACCTCAGAGAGCGCATATGGAGCAAGTGCCATACAAGTGCAAGTGA
 GAATGTCCACCATGGTTCCCTCTTAACACTTGTGGGTGTGCGCAGGCAACACCTCCAGAAATGC
 AGCATCCCGGAGCAAGCTGTTGGTAGTTGTTCCACCGCAAGAGAATTTTAGGGCTCATTCTGGAGAAG
 AACCCTAATCATGAGGAGAATGGGAATGTTCTTAATCAGAGTTTATGTCTTCAAGTGAATCGGAAAAAT
 AAGTGCCGAAGAGAACTGTGTCAAGGTGCGGAATGTAGGAAAGATTTACACATTGCTCAAACCTGAAC
 AGTCCACACAGAGTTCATGTGGAAGAGACTCTGTGAACCTGACTGTGGTAACCACTTCACTCTGCCCC
 CACATTTTCAGGACTTCCAGCAGTGCGCCCCAGGGACAACCACACAATCGCACATGCTGTACCAGCTT
 CGGTCAAACCTTGTGCCTTCAAGGCCATCAGAACTTCACATTCGAGAGAAGCCCTTTCGTAAAGAGGGT
 GGAAATGGCTGTAAGTGGGGTCCACCCCCAAGGATTGTGAGAAAAGATGCTGCATAAATGCAGCGCT
 GTGGGAAGGGCTTCAGTCACAGACGGGCTCTTCAAGTTCATCAGAGAATCCACACAGGGGAGAAGCCATT
 CAAGTGTGGGAGTGTGGGAAGGGGTTAGCCGAGTGCCTACCTTCAAGCCACAGAGAGTTCACACC
 GGAGAGAAACCGTATAAGTGTGGGAGTGTGGGAAGGGGTTAGCCGAGTGCATACCTGCAGGGCCACC
 AGAGAGTTCACACCGGAGAGAAACCGTACAAGTGTGAGGAGTGTGGGAAGGGCTTCAGCCGGAGTTCACA
 CCTGCAAGGCCACCAGAGAGTTCACACCGGAGAGAAACCGTACAAGTGTGAGGAGTGTGGGAAGGGCTTC
 AGCTGGAGCTTCAATCTTCAGATCCATCAGCGGGTTCACACCGGAGAGAAACCTATAAATGTGGAGAAT
 GTGGCAAAGGCTTCAGTAAGGCCTCAACTCTCTGGCCATGAGAGAATCCACACAGGAGAGAAACCTTA
 CCAGTGTACAGAGTGGGCAAGAACTTTAGTCAGAAATCCTACCTTCAAAGCCATCAGAGCGTGCCTCT
 GGAGAGAGACCATATATGTGAGGTGTGTGGGAAGGGCTTCAGTCAGAGAGCATACCTACAAGGTCACC
 AGAGAGTCCACACTCTAGTGAACCATATAACTGTGAGGTGTGTGGGAAGGGCTTCAGTCAGGGTTCCCG
 CCTCGAGGCACACCGGAGGGTCCACGCAGGGGGAAACCATACAAGTGTGAGACGTGCGCAAAGGGCTTC
 AGCGAGAGCGCCGGCCTCCAGGCGCATCAGAGGATCCACGCAAGGGAGAGCCTACAAGTGTGAAGTGT
 GCGGTAAGGGCTTCAGCGGCTATTCCGGTCTCAAGCCATCAGCGAGTCCACACGGGGGAGAAGCCATA
 CAAATGCGAGGTGTGTGGGAAGGACTTCAGTCAGAGATCCAATCTCCAGGCTCATCAGCGTGTGCACACA
 GGAGAGAAACCTTACACGTGTGACGCGTGTGTAAGGGTTTCCGGTGGAGCTCGGGCCTCCTGGTCCATC
 AAAGGGCCACAGCAATGATAAATTCTGTAGGAACGGAGAGTTCAGAAGCAGTTATCTGCCTGAGAACCT
 GGGCAGAAACGAAGGCCTG**TAA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_001107487

Insert Size:	2682 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_001107487.1</u> , <u>NP_001100957.1</u>
RefSeq Size:	3446 bp
RefSeq ORF:	2682 bp
Locus ID:	308420
Cytogenetics:	1q21