

Product datasheet for **RN217279**

Zfp629 (NM_001107551) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp629 (NM_001107551) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfp629
Synonyms:	Znf629
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217279 representing NM_001107551
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGAGCCTGAGACCGTCTGTGGGGCCAGATCTGCAGGGTCTGAAGAGAGCCGAACAATGTTACAC
 GAGGTGCTGAAAGTGGGAACGAAGAGGAGAGCCCTCAGCAGGAAAGTTCTGGGGAGGAGATCATCTTGGG
 AGATCCAGCTCAGAGTCCAGAATCCAAGGACCCATCAGAGATGCCCTGGAGAGCCCTCCAGGATGCC
 TCAGCCCTCAGGACTCCCCAACCCCACTGGGTTCTTCCAGCTCCTTAGATCACCAGACCCCTATGGACC
 CATCAGCCCTGAGGTAGTCCCTTCCCCATCAGAGTGGACCAAGGAGACCAGTTGGCAGTGGGGACCTT
 CACCACCTGGAACAGCACACCAGCAGTCACTGCCAGTGAACCCAGCCTGCGAGAGCTGGTGCAGGGACGC
 CCATCTGGGGCTGAGAAGCCATACATCTGCAACGAGTGTGGCAAGAGCTTTAGCCAGTGGTCCAACTGC
 TCGGGCACCAGCAATCCACACGGGTGAGCGGCCAACACGTGCTCAGAGTGGGCAAGAGCTTCACGCA
 GAGCTCACACCTGGTACAGCACCAGCGCACACACCGGTGAGAAGCCCTACAAGTGGCCTGACTGTGGC
 AAGTGCTTCAGCTGGAGCTCTAATCTAGTACAGCACCAGCGCACACACCGGTGAGAAGCCCTACAAGT
 GCACTGAGTGGGAGAAAGCCTTACACAAAGCACCAACCTCATCAAGCACCAGCGGTCCCACACTGGCGA
 GAAGCCCTACAAGTGTGGCGAGTGCCGCCGTGCTTTCTACCGCAGCTCGGACCTCATCCAGCACCAGGCC
 ACGCACACGGGTGAAAAGCCCTACAAATGCCCGGAGTGTGGAAAGCGCTTTGGCCAGAATCACAACCTGC
 TCAAACACCAGAAGATCCACGCGGGAGAGAAGCCCTATCGCTGCACTGAGTGTGGCAAGAGCTTCATCCA
 GAGCTCAGAGTGACGCAGCACCAGCGTACGCACACTGGGAGAGAAGCCCTATGAGTGTCTGGAGTGTGGC
 AAGAGTTTTGGCCACAGCTCTACGCTCATCAAGCACCAGCGGACACACTACGCGAGGACCCCTTCAAGT
 GCCCGTCTGTGGCAAGACCTTCACTGAGTGCCACACTGCTGCGTCATCAGCGCACGCACACAGGTGA
 GAGGCCCTATAAGTGCCCCGAGTGCGGCAAGAGCTTCAGTGTGAGCTCTAACCTCATCAACCACCAGCGC
 ATCCACCGTGGGAGAGGCCATACATCTGTGCTGACTGCGGCAAAAGCTTCATCATGAGCTCCACCTGA
 TCCGCCACCAACGTATCCACACCGGTGAGAAGCCCTATAAGTGCTCTGACTGTGGCAAGAGCTTCATCCG
 CAGCTCTACCTCATCCAGCACCGCCGACGCACACGGGTGAGAAGCCCTACAAGTGTCCAGAGTGGCGC
 AAGAGCTTCAGCCAGAGCTCCAACCTCATCAGCAGCTCCGCACACATGGACGAGAACCTCTTCGTGT
 GCTCCGACTGCGCAAGGCCTTCTGGAGGCTCAAGAGCTGGAGCAGCACCAGCTGATTCATGAGAGAGG
 CAAGACACCTGCCCGGAGAGCTCAGGGTGACGGCTTGCTAGGGCTTGAGATCCTGCCCTGATGACTCCA
 CCACCGGGAGCCAAACCCACAAGTGTCTGGTCTGTGGAAAGGGCTTCAATGATGAAGGCATCTTCATGC
 AGCACCAGAGGATTCATGTTGGAGAAAACCCCTACAAAATGCAGACGGCCTCATAGCACACCCAGCCCC
 CAAGCCTCAACAGTTCGCCCCCTCCAGGCTCCCTTTGGAGGCAATTCATCCCAGGTGCTTCGGAGAGC
 AGAGCTGACCCCCCAGGACAGCCCTCGAAGGTGCCTGAGGGTCAGGAGGGCTTGGGCCAAAGGCTAGGTC
 AACCTCTTCTAAGTGCTATGTTTGTCCCACTGTGGAGAAAGCTTCTTGACAGGGCTGTGCTCTGCA
 ACATCAGCTCACCATGGGAATGAAAAGCCCTTCTCTTCCCGAGTGTAGGATCGGCCGTGGGGAAGCC
 GCAGGACCCAGCCCTTCTAAACGCAAGCCCTTAAATGCCCAGAATGCAAAAAAGCTTTGGCCTCA
 GCTCTGAGCTGCTGCAGCACCAGAAAGTCCATGCGGGTGGGAAATCCCAGAAGAGCTCTGAGCTGGGAA
 GAGCTCTTCAGTCTGTTAGAGCATCTCAGGAGTCCCCTGGGAGCCAGACCCTACAGCTGCTCTGACTGT
 GGGGCTCTCTTCTGATCGACTAGCTCTTACAGGACACCAGGAAACCCCACTCACGAAAGGGCCCCCA
 CTCTGAGGATCCCCCTCAGAGTCAGCTCCCTGTCTACAAACCAGGAAGTTGAGGGAGAAGCCTCTAC
 CCCCCAAAGAGCAGCAGCCACAGGGAAGAGGAAAGTCCCAAACTGTTTTGGAGAAAAAGCCCTATCTG
 TGCCCTGAGTGTGGAGATGGCTTACGGAAGTTGCAACTCCTCTCCATAGGAGCTGTACCCCGGTG
 TCTCCCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107551
Insert Size: 2601 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:	<u>NM_001107551.2, NP_001101021.2</u>
RefSeq Size:	5734 bp
RefSeq ORF:	2601 bp
Locus ID:	308998
Cytogenetics:	1q37