

Product datasheet for **RN217614**

Zfp609 (NM_001173371) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp609 (NM_001173371) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfp609
Synonyms:	RGD1561651; Znf609
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217614 representing NM_001173371 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCTTGAGCAGTGGAGCCTGCGGAGGAAAGCAGTGGATGCAAACCCGGTTGAGACATACGACAGTG
GGGATGAATGGGACATTGGAGTAGGGAATCTCATCATCGACCTGGACGCCGATCTGGAAAAGGACCAGCA
GAAACTGGAAATGTCAGGCTCCAAGGAGGTGGGATACCAGCTCCCAATGCTGTGGCCACACTACCAGAC
AACATCAAGTTTGTCAACCCAGTGCCAGGTCTCAAGGGAAGGAAGCAAATCAAATCCAAAAGGAGTA
AGAGTGGCAAAGACACTAGCAAGCCCACTCCAGGACTTCCTTGTCTCTCCAAGTGGGGAGCAGCAAA
CAAGAAAGAGGTGCAGGGTCGCTCAGGAGATGGTACCAGTGCAGGAGGCCGTGGTTGCTGCTGTGCC
AAGGGCTCAGAGAAGGCTGCAAAGGCGTCACGCAGTGTAGCTGGCTCCAAGAAGGAAAAGGAGAGCAGCT
CATCTAAGGGCAAGAAGGAGAGAAGTGAAGGCGCGGGACTTGTTCGAAAAGGATCCTGGGGTGTCTCA
GCCAGTTCCCTTGGGAGGACGGGGTAGTCAGTATGATGGAAATGCAGGGATGGACACAGGAGGCGTGGAG
CCGCTCGGGAGTATAGCTAGTGAACCTGGGGCAGCGCTCAATCCTTTGGGAACTAAGCCGGAGCCAGAGG
AAGGGGAGAATGAGTGTGCGGCACTAAAGAAAGTCAAGTCTGAAAAGATGGAGTCCCCGGTCTCCACCCC
AGCGGTGCTGCCGCTGCACCTGTTAGTGCCGGTGGTCAATAACGACATCTCATCTCCCTGTGAGCAGATC
ATGGTCCGTACCCGATCAGTTGGAGTCAACACATGCGATGTGGCTTAGCCACAGAGCCTGAGTGCTTAG
GCCCTGTGAGCCTGGAACCAAGTGTCAACCTTGAAGGCATCGTGTGGCAGGAAACAGAAGATGGGATGCT
GGTGGTAAATGTGACATGGAGAAACAAGACATATGTAGGCACACTTCTTGACTGCACAAGACATGATTGG
GCACCCCCAAGGTTCTGTGACTCCCCAACCAGTGACTTGGAAATGCGCAATGGTCGAGGAAGAGGCAAGC
GTATGCGTCCTAACAGCAACACGCCGTGAGCAGACAGCCACAGCCTCTGATAGCAAAGGGACCAGCAG
CAACAGCAAGACCCGAGCAGGAGCAATAGCAAAGGCCGTGCGGGTAGCCAGAACTCCTCAGAGCATCGC
CCTCTGCCAGCAGCACCTCTGAGGATGTCAAAGCCAGCCCTTCTCAGCCAATAAGCGGAAAAACAAC
CTCTTTCAGACATGGAGCTGAATTCTAGCTCAGAGGACTCCAAAGGGAGCAAGCGTGTCCGTACAAATTC
CATGGGCTCAGCCACCGGCCCTCCCTGGGACCAAGGTAGAACCCTACTATTGTGGACAGAACTGTCCC



[View online »](#)

TCCCCAGTCCTGATTGACTGTCCCCACCCAACTGCAACAAAAAGTACAAGCACATTAATGGGCTTAAGT
 ACCACCAAGCCCATGCCACACAGATGATGACAGCAAACAGAGCTGATGGAGACAGCGAATATGGAGA
 AGAGCCCACCCCTCCACACAGACCTCAGCAGCTGCAATGGTGCACCTGTCTCACAAAAAGGATCCTTGTC
 CCTGCCCGCTCAGCTACCCCCAAAGTCCGGCTTGTGAGCCTCACAGCCCTTCCCTTCCAGCAAATTCA
 GCACAAAAGGCCCTCTGTAAGAAAAAACTGAGTGGGAGGGAGACACAGACCCTGGAGCCTCATCCAATGA
 TGGGTCTGACGATGGACCCTCAGTAGTGGATGAGACAAGCAACGACGGCTTCGACTCTGTGAAAGGAAG
 TGTGTGAAAAAGAAAAATGTAAAAAGCCCTCCAGTTTGAACCTGAAAAGATTCCATCCAAGAGCTTAA
 AATCAGCCCGCCCCATTGCCCTGCCATCCCCCACAACAGATCTACACTTTCAAAACAGCCACCTTAC
 AGCAGCAAGCCCAGGGTCTCCTCAGGCTTGACCACACAGTGGTCCAAGCAATGCCAACAGTCCCCAA
 CTCAAGCCCATTCAGCCCAAGCCCACTGTTATGGGAGAGCCTTTCACAGTCAACCCTGCCCTGACCCCTG
 CCAAGGACAAGAAAAAGAAAGACAAAAAAGAAGGACTCATCAAGGAACCTGAAAGTCTCTGACCCC
 TGGGAAGGTATGCCGAGCAGAAGAAGTAAAGAGCCCATTCAGAGAATCGGCAGGAGATGGAGTAAAAATG
 GAGGGCCTTCTGAATGGTTCCTCAGAGTCCCACCAGAGCCGATTAGCTAGTATCAAGGCTGAAGCTGATA
 AGATTTACAGTTTACTGACAATGCCCCAGCCCTTCAATTGGAGGCAGCAGCCGCTAGATAGTACTAC
 CCCAACCAACCCCTAACTCCCCTCCATGTAGTGACCCAGAATGGAGCTGAAGCCAGCTCAGTCAAAACC
 AATAGCCCTGCCTACTCTGACATCTCTGATGCTGGGAGGATGGGAGGGCAAGGTGGACAGTGCCAAGT
 CCAAGGACCCTGAACAGCTGGTTAAAGAAGGGGCTAAGAAAAACACTTTTCCCCCTCAGCCCGAGAGCAA
 AGACTCAGCATATTATCAAGGCTTTGAAAGTTACTACTCTCCAGGCTATGCACAGTCCAGCCCAGGGGCT
 CTCCCCTCAAGCAGCCAGGCAGGAATGGAGGGCCAGGCCCTAAAGACAAAGAAGGATGAGGAACCTGAGA
 ACATAGAAGGGAAAGTAAAGAATGATGTCTGTGAGGAAAAAGAGCCTGAGCTGAGCAGTTCTAGTCAGCA
 GCCCTCTGTATCCAGCAACGGCCCAACATGTACATGCAGTCTTGTACTACAACCAGTATGCCTACGTG
 CCTCCATATGGCTACAGTGAGCAGAGTTACCACACCCACCTCCTGAGCACCAACACTGCCTATCGGCAGC
 AGTATGAAGAACAGCAAAAGCGGCAGGGCTGGAGCAGCCTCAGCGGGGACTAGACAAGAAGACAGAGAT
 GGGCCTGAAAGAGCGGGAGGCATCACTCAAGGAAGAGTGGAAGCAAAAGCCGTCAATTCCACCAACTCTT
 ACCAAGGCTCCCAGCCTGACAGACCTGGTGAAGTCAAGGCGGGCAAGGCCAAGGAGCCAGGGACTGATC
 CTGCCAAGTCTGTCACTATTCTAAATTAGATGACTCATCAAACTCCCCAGCCAGCCCCCTGAAGGCCCT
 TAAAGGAAAGCTGGGTGAGGCCAGCCACCTAGGCAAGGAGGCTCTGAGGCTAAGACAGGCACTGAGTGT
 GGCCGACAGGCAGAGGTGGATCCAATACTCTGGTACCGACAGGAGACAGAGCCCCGAATGTGGACATATG
 TTTATCCTGCCAAATACTCAGACATCAAGTCAGAGGATGATCGGTGAAAGAGGAACGGGACCGAAAAATT
 AAAGGAAGACAGGAGCCGGAGTAAGGACTCTGTTCCCAAGGAAGATGGGAAGGAAAGCACAAGTAGTGAC
 TGCAAGCTACCCACATCTGAGGAACCCCGCCTTGAAGCAAGGAGCCCCGACCAGGTGTCCATGTGCCTG
 TGTCTCCCGCTCAGCCAGCAGGCTTACATCCCCTACATGCATGGTACTCTTACAGCCAGTCATA
 TGACCCCAACCCAGCTACCGGGGATGCCTGCTGTGATGATGCAGAACTACCCAGGTTCTATCTG
 CTTTCCAGCTATTCTTTCTCCCGTATGGCAGCAAGGTCTCAGGTGGAGAGGATGCTGACAAGGCACGCG
 CCAGCCCCAGTGTGAGCTGTAAGCCAGCTCGGAGTCCAAAGCCCTGGATATCTTGACAGCAACATGCCAG
 TCACTACAAGAGCAAGTCTCCACGATAAGTGATAAAATTCTCAGGAGAGAGATCGGGGAGGCTGCGGG
 GTGGTTGGAGGTGGAGGCAGCTGTGGCAGTGTGGGGAGCAGGAGGTGCTGACAGGAGTGTGACCGGC
 CCCGCACATCCCCTTCCAGCGCCTGATGTCCACACACCACCACCACCACTTGGGCTACTCCTTGCT
 CCCAGCACAGTACAACCTACCCTATGCCGAGGGCTTTCTTCTACAGCCATTGTTGCCAGCCAGCAAGGC
 TCAACCCCTCACTCTATCCACCCCGGAGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001173371
Insert Size: 4236 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_001173371.1, NP_001166842.1</u>
RefSeq Size:	8451 bp
RefSeq ORF:	4236 bp
Locus ID:	363412
Cytogenetics:	8q24