

Product datasheet for **RN201511**

Zfp455 (NM_173314) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp455 (NM_173314) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfp455
Synonyms:	Kzf-2; Kzf2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201511 representing NM_173314
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGAGGAAATGCTGTCCTTCTGGGATGTGGCCATTGATTTCTCTCCAGAAGAGTGGAATGCCTGGAGC
 CTGTTCACTGGAATCTGTACAGGGACGTGATGTTAGAGAATTACAGCAACTTTGTGTTCTGGGTCTAAC
 TTTCTCTAAGCCATTCTTGGTAACATTCCTGGAGCAAGGACAAGGCCCTTGGGATATGCAGAGACAAGCA
 GCCGCCGTGTGCACCCAGGAATAGCTCTCAATGATCCCAACTGTTACAGCAAGACCACTAACTGTAAT
 CACTCCTTATTAACGACGAAAACCTTCATATAGGGGAGAAACCCTACAAGTGTGAAGAATGTGGTAAGGC
 CTTGTTCTCTTAAACACTTTCTATACACCAGAGACTTCATACTGGAGACAAACCCTACAAGTGTA
 GAGTGTGATAAGGCCTTTAGTACTCGCTCAGCACTTTTATACACATGAAAAATCATACTGATGAAAAA
 CCCACAAGTGTGAAGAATGTGGCAGATTATTTACTATCCTTCAATGCTGAAACAACATCAGAGAATTCA
 TTCTAGAGTGAACCCCTACAAGTGTCAAGAATGTGGAAGCTTTTACTGATCCTTCATTCTTAAGAAG
 CATCAAAAAATTCATTTTCGAAAACATACCTACCAGTTTAAAGAATGTGTCAAAAGATTTTCTCCTCCTA
 TACACCTTCAGGAACAAATCCATACTGGACAGAAACCTTTCAAATGTGGAGAATGTTTTAAAGCCTTTCA
 TAATCACTTAGCCCTTAGGAAACACCAGACAGTTCATTTTGGAGAGAAACCTTATAAGTGCGAAGAATGT
 GGCCGATGTTATTCCACATCTTTCTACCTTAGAAGACATCAACAATCCACTCTAAATACAAGTCCTACA
 AGTGTGAACATTGTGGCAGATGTTATTCCTCAACTTCCTGCCTTAAAGACATCAACAATTCACCTCTGA
 AGACAACCCCTACAAGTGTGAAGAGTGTGGCAATATTTTCTCATCTACCTGTCTTAGAACTCATCAA
 ACAGTTCATTCTGTGGACAACTCCTACAAGTGTGATGAGTGTGGCAGATATTATTCCTCATCTTTATCCC
 TTACACGACATCAAATAATCCATTCTGAAGACAATCCCTATAAATGTGAAGAATGTGGCAAAAGGTTTTTC
 TTGTTCTGCAAGCCTTCAGGAACATCAACAATCCATACAGGAGAGAAACCATACGAGTGTGAAAAATTGT
 CACAAAGCCTTTCTGTCATCACTCATCCCTCAGGAACATAAGACAGTGCATACTGGAGAGAAACCTTACA
 AGTGTGAAAAGTGTGGCAGATGTTTTCCAGACATTCTGCCTTAGAATCCATCAAGCAATTCATTCTGA
 TGGCAATCCACACAAGTGTGGAGTGTGGTAAACCTTTGTTAATGTTTATCGCCTTACTCGACACATG
 AAAGTTCATTCTAGAGAGAAATCCTACAAAGATCTTAAAGTGTGTCTTATTCAGGCCTTAAAGATA
 TCAAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_173314

Insert Size: 1548 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_173314.2</u> , <u>NP_775436.2</u>
RefSeq Size:	2185 bp
RefSeq ORF:	1548 bp
Locus ID:	286979
Cytogenetics:	2q22
Gene Summary:	a putative DNA binding protein [RGD, Feb 2006]