

Product datasheet for **RN209120**

Zfp451 (NM_001033705) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp451 (NM_001033705) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfp451
Synonyms:	MGC124741
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209120 representing NM_001033705 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGGAGACCCAGGGCCGGAGATAATAGAATCTGTCCCACCAGCTGGGCCCGAGCCATCAGAGTCAACGG
CGGATGAAACGAAGATGACATTCAGTTTGTAGTGAAGGACCGTTAAGACCCGTTCTTGAATATATTGA
TCTGGTCAGCAGTGATGATGAAGAGCCTAGTACCTCTCACAGTGATGAGAATTTAAACACAAAGACTAT
ATAGACCATCAGAAGGATAAAGTTGCTTTAACATTGGCTCGCCTGGCCCGCCATGTTGAAGTGAAAAAC
AACAAAAAGAAGAGAAGAACAGGGCATTAGGGAAAAAATTGATTTTCAGCACGCGCATGGTTTACAAGA
ATTGGAATTTATTCAAGGACATTCAGAAACAGAACGAGCCAGACAGTGTGTGGACCAAGTGGCTAAAAATG
TCAGGACTCAGAACAAAGTGCAATTAATTCTGGATCAAAAAATCATTCCAAAGTGAGGAGCAGGATGCGGA
GGTCTGACAAGTCAATTTGTGTCCGATAATGCACTGTAAACAAGGAATTTGACAATGGGCACCTTCTGTT
AGGACATTTGAAAAGTTTGATCACTCCCATGTGATCCACAATTACCTTACATGGACCTCTCGCCAAT
GTGTTTGATGTGCAGTGTGCTACGAGCATTTTGTACTCAGCAGCAATATAAGGACCATCTTCTCTCCA
AGGCAGCTGCGGCTGATGGACACAGCAATGACCTTCCTCCTCAGATTATTCAGTGTGTTGCTTGTCCACA
TTGCTTTCTTCTGTTTAGCACCAAGGACGAGTGCTTGAACATATGTCTGCAAGAATCATTTCATCAG
AGCTTGAAACTGGGTGACGATAAGGGAACAGCCCGCCAGTATCATTTCCATCTTTGCAAGAAGCTTT
TGGTGTCTCTGTGCAAGATGTTCCGTTTCTGGTTAAGTGTGTGGCCTGCCACCAGACTCTGCGTTCCCA
CATGGAGCTCAGTGCCCATTTTCAGGGTTGCTTGTGCAAAATGCTGGACCTGTAGCTATAGCTGAGAAAAGC
ATTACTCAGGTTGCAAAAGAATTCCTAGTAAGAGGTTATTGTTTCAGATTGCAACCAGGTCTTTATGGATG
AAGCCAGCACCCAAAGTCACAAGAATCCAGGACACAAAATGAGCCTTGCTAACTCCGTGGAAGAATCTGT
CCTACTCTATTGCCACATCAGTGAAGGGAGTAGGCCTCTTGTGACTTACATTTATTCAATCAACCAAAA
ATTTATCCCTGAAACGAATTCGTCTAGTAAAGAGTCCAGTGCAGAGGATTGTGTCATTCCGACAAAGA
AGGTGAACTTAGGAGTTGACAGCCAGGGCGGTACAGCTCGTGTGCAGAGGCAGAGGTCAACAGTCACAGC
CTGTTTTGTGAATGCAGTCGGCGGTTTCCAAGTGAAGATGCTGTAGAAAAGCATGTTTTCTCAGCAAAAC



[View online »](#)

ACAATGTGTTACAAGTGTGGTGTGGAAAGGTTTGTGAAGATTCGGGGGTCATGCGTTTACACATGA
 GCCGGTTTCATGGAGGGGCGCATTTAAATAACTTTCTATTCTGGTGTGGATGTGCAAGAAGGAGTTAAT
 AAGGAAAGATGCCATCATGGCGCACGTTACTGAGTTCACAGTGGGCACAGGATTTCTATGAGATGGAT
 GAGGTAGAGGGCGCTGTGCCGTCGTCTTCGACTGAGAACCATTGAATGCTGACAAACCCCTTCACCCA
 TTGCTGTCGTGGATCACTCCCCGCAAGCAGTCTCCAGGGGCAGGTGGCAATGCCGCATCTGTGAAGA
 CATGTTTGATTCCCATGAGTGTGTACAGCAGCACTGTGCGTCCTTGACGAGCCACCGTTCCACAGGTAC
 AGCTGTGCCACTGCAGAAAGACTTTCCATAAGGTGGAGACCCTGTGCAGACACTGCCAGGACGAGCATA
 GTGGTGAGGTGAGGATGATGTACTGCTGTGGGCTGTGTGACCTCATTTTCAACAAGGAAGAAGCCTTTCT
 GAGCCACTATACAGAGCAGCACAGTGGAGATTATGTGTTGTGCCAGAAAAAACTAAAACTTCAATTAAG
 ACTGAAGATGATTTTAAATAATAGAGACCAGTAATTTATTAAGCTGTGGCTGTCATGAGAGTTACATCT
 GTAAAGTCAACAGAAGGGACGATTATGATAGATGTCTTCAATCATGCTGGAAAAAGGAAAACTGTGGTT
 TCGCTGCGGGTCGTGTTAGCCACAGCACAGAATCTGGCTGACATTAACACTCACGTCTGTCAAGCGCAC
 AGGAAAGTAAGAGGCGATGAGGAGCAGCAGTATGTGATCAAGTGTGGCTCTGCACAAAGCCTTCCACA
 ACACGGAGAGTGCCAGCAGCACTTCCACAGGAAGCACGCCGCTTCCAGAAACCCGTTACTGCCACGT
 CAGAGCCGACCAGGAAGCACGGCCAGCTTGCTGCTAGTGTCTCACACACTGAGAAAAACCCGAGACAT
 ACGAGCTATCAGAAATGTTGAGATGTGGAAGAAGTGCTGAGCATGACGTATGCTGCCAGAACATAGAGG
 AGGAAGTGGAGCTTCCAGACGTGGATTACCTTCGAACCATGACTCATATAGTCTTTGTAGATTTTGATAA
 CTGGTCGAACTTTTTTGGTCATCTACCTGGGCATCTTAATCAAGGAACATTTATTTGGGGCTTTCAAGGA
 GGAAACACCAATTGGAAGCCCCGCTCGGCTGTAAGGTCTATAATTACTTGAACAGGATCGGATGCTTCT
 TTCTTCATCCTCGCTGCAGTAAGAGAAAAGACGCTGCTGATTTTGCCATATGTATGCACGCTGGCCGTCT
 AGATGAGCAGCTGCCTAAGCAAATTCCTTTCACCATCTCTCAGGAGACCAAGGCTTTCTGGAGCTAGAG
 AATCAATTTAAGAAGACCCAGAGGCCGGCTCATATACTGAACCTCACCCTTAGAGGGAGACATGATGT
 GTGCCTTGTTAAATAGCATATCTGATACTACCAAAGAGTGTGACAGCGATGACAGCATGGGGGTGAAAGG
 CTCTCCAGTAGAGGCTCAGGGCCACAGAGGATGTGGAATTAGAAGAAGCTATTAGAAGAAGCTTTGAG
 GAAATGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001033705
Insert Size:	3159 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_001033705.1, NP_001028877.1</u>

RefSeq Size:	3948 bp
RefSeq ORF:	3159 bp
Locus ID:	316312
Cytogenetics:	9q21