

Product datasheet for **RN217217**

Zfp40 (NM_001168642) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp40 (NM_001168642) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfp40
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217217 representing NM_001168642
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGAACAGAGGAACTGTAGCAAAGGATGCAGAAGAACTCCAGTCTTTGTTCTGAGACAGAACTC
 AGAGAGGAGCAACAGGAAAAATGGCTGCTTCTCTGATAGATGTGCCCCAGGATATATTAACATTCAGAAA
 TGTGGCTGTGGACTTCTCCAAGGAGGAATGGGAATATCTAGACTCTTCTCAAAGAGCTCTATACATGGAT
 GTAATGTGGGAGAATTACAGCAATCTAGTTTTTGTAGAAAACATTGCATATGTGGTAAATGAAGAGG
 TCGTGGATCAAAGCTCAAAGCATATTGTCTATCAGCATGCAAATATCGAAGAAAAGTCTTACAAATGTCA
 TGAGCTTGGCAAATGCTTTATGATTCTCCCAAAGCTTACTTTACAATACAAGTGATACTACAGAAAAAC
 TGCAAGATATATGGGAGTGATAACCAATGGGATCATTCTAATGAATCATTAAACCTAAAGGCACATAAAA
 GTAGGAACACTGAAGAAGAGCAATACAAGATTGTAGGGAGCATTAAATTTGTGTTCCATCATTGGCCC
 ATATCCACAAATTGACACTGGAAGAAAGAACACAAAATTACAGAGTATGATAGATTTTTTGACTCTAAA
 CATAAACTCATGATAAAACGAATGTGTAGTGGAGAGAAACCTTACCAATGCAGAAAATGTGGAATGTCT
 TCAGGGCCTATTCAAGTCTCTATAGACATCGGAGAACTCATCCTGGAGAGAAAACCTATAAACTTACAGA
 ATGCAATAAGTCCATTCTATATTTTTACACCAAAAAAGTACATTATAATATCCATTATGGAGAAAAACCA
 TACAAATGTATAGAATGTGGCAAGTGAATTATCATTATCAGGCTTTGAAAGGCATTATAGAATCCACA
 CTGGAGAGGAGACTTACAAATGTTATGATTGTAGAAAATCCTTTATCTGCTATTTAGGTCTTAAAAATCA
 CCATAAAATTCATGGAGGAGAGAGGCCCTTATGAATGTAAGCAATGTAGTAAGTCTTTTATACATTGTCA
 CACCTTGAAGAACATTACAGAACCCACCGTAGACAAAACTTACAGGTGTAATGAATGTGGCAAATCCC
 TTTCTCTCTCAGGTCTTCAAAGACATCAGAGAATTCATAGAGGAGAGAAAGCATACATATGTGCTGA
 ATGTGACAAATGCTTTCATTAGAAATCCCACTTAAACACATCAAAAAATTCATACAGGAGAGAAAAGT
 TACAAATGTAGTGAATGTGAGAAATCCTTTACTGTTGGCTCATCTCTTAGAATACATCAAAGAATTCATA
 CTGGAGAGAAACCTTACAAATGCAGTGAATGCCACAAGTGCTTCATTAGCAAGCTCACCTTAGAAGACA
 TCAGAAAATTCACACAGGAGAGAAACCTTACAAATGTAGTGAATGTGAGAAATCGTTTACAGTAGGCTCA
 GATCTTAGAATGCATCAGAAAATTCATACTGGAGAGAAACCTTACAAATGTAGTGACTGTGATAAATGCT
 TTATCCAGAAAGCAAAGCTTAAAAACATCAAAGAATTCATACAGGAGAGAAACCTTACAAATGTAGTGA
 ATGTGAGAAATGCTTTACTGTTGTCTCAGATCTTAGAACACATCAGAAAATTCATACCGGAGAGAAACCT
 TACAAATGCAGTGAATGTGACAAGTGTATCCGGAAGGCCAACCTTAGAAGACATCAGAGAATTCATA
 CAGGAGAGAAAACCTTACAAATGTAGTGACTGTGGCAAATGCTTTATCCAGAAAGCCAATCTTAGAACTCA
 CGAGAGAATCCATACTGGAGAGAAACCTTACAAATGTAGTGTGGGAAATCCTTTTCGGTTGGCTCAGAT
 CTTAGGAAGCATCAGAAATGTCATACTGGAGAGAAACCTTACAAATGCAGTGAATGTACAAAGTGCTTTA
 TCAGGAAAGCCCACCTTAGAAGACATCAAAGAATTCATACTGGAGAGAAACCTTACAAATGCAGTGACTG
 TGGCAAATGCTTTATCCAGAAAGCTAATCTTAGAACACATCAGAAAATCCACACAGGAGAGAAACCTTAC
 AAATGTAGTGACTGTGACAAATGCTTTATTCAGAAAGATCACCTTAGAACACATCAGAGACTTCATACAG
 GAGAGAAACCTTACAAATGTAGTGAATGTGAAAAATCCTTTACCGGTGGATCCATTCTTAGAAAACATCA
 GAAAAATTCATACTGCAAGAAGCCTTACCAATGCAATGAATTTGACTAATCCTTTATCCAAGAAGCCCACC
 TTAGAATCATCAAAGAATTTATACAGGAGAGAAGCCTTATAAATGCAATGTATATAGCAGATCTTTAC
 CTGCATCTCACGT**CAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001168642
Insert Size: 2397 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_001168642.1, NP_001162113.1</u>
RefSeq Size:	3424 bp
RefSeq ORF:	2397 bp
Locus ID:	690661
Cytogenetics:	1q12