

Product datasheet for **SC117943**

ZFP200 (ZNF200) (NM_003454) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZFP200 (ZNF200) (NM_003454) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZFP200
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC117943 sequence for NM_003454 edited (data generated by NextGen Sequencing)

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ATGATGGCTGCAAAAGTGGTTCCTATGCCCCAAAGCCAAAGCAGTCCTTTATACTGAGA
GTTCCGCCAGACTCCAAGCTGGGCCAAGACCTACTTCGAGATGCCACTAACGGGCCCAAG
ACCATCCACCAGCTAGTGTGGAGCACTTCCTCACCTTCTTGCCCAAGCCAAGCCTGGTC
CAGCCCAGTCAGAAAGTCAAGGAGACCTTGGTTATTATGAAAGATGTGAGCTCAAGCCTT
CAGAACAGAGTGCATCCTCGTCCCTTGGTGAAGCTTCTGCCCAAAGGAGTCCAAAAGGAA
CAAGAGACAGTGTCTGTATTTGAAAGCTAACCTGAGGAGCTGGTGGTCTTTGAGGAT
TTGAATGTATTTCACTGCCAGGAAGAATGTGTGAGCTTGATCCTACTCAACAACACG
TCAGAGAAGGAAGATGACAGCAGTGTGGGAAATGATGTTACTGGNNGTCAATGGCAGT
AATCCTGAAGGTGAAGATCCTGAGAGGAACTGTAGAAAATGAAGATTATAGAGAAAAG
TCTTCAGATGATGATGAAATGGATTCTTCTTGGTCTCTCAGCAGCCTCCCGATAACCAG
GAAAAGGAACGACTAAATACATCCATTCCACAAAAAGGAAAATGAGAAATCTGTTAGTT
ACCATTGAGAATGATACTCCTCTAGAGGAACCTCAAAAATATGTAGACATCAGTATTATT
GCCCTTACTCGAAATCGGAGGACAAGGAGATGGTACACTTGCCACTGTGTGGGAAACAG
TTTAATGAAAGTTCTTACCTCATTTCCACCAGAGGACCCACACTGGAGAAAAACCTAT
GACTGTAATCACTGTGGGAAAAGCTTCAATCATAAAACAACTCAATAAACATGAGCGA
ATTCATACAGGAGAGAAACCTTATCCTGTTCTCAGTGTGAAAAAACTCCGTCAGAAT
TCTCATCGGAGTGTGATGAAGGAATCCATATAAGGGAGAAGATTTAAGTGTCCAGAA
TGTGGGAAAACCTTCCCAAAGAATGAGGAGTTTGTGCTTCATCTGCAGAGTCATGAGGCT
GAGAGACCATATGGTTGCAAAAATGTGGGAGAAGATTTGGTCGGCTGTCAAACGTACC
CGGCATGAGAAAACCACTCAGCCTGTAAGACCCGAAAGCAGAAGTAA

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Clone variation with respect to NM_003454.3
467 c=>n;468 a=>n



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_003454 unedited</p> <pre>CTATATTTGTATACGACTTACTATAGGGCGGCCGGAATTCGGCACGAGGCGAGTCCCTG CCGTTCTCCTCAACTGGCGGGCGCGCAACGAATAGTCGCGCGGACCTGTGAGGGCACT CGGAAGGGCGAGGGGAGGGCTCGACCGCTCGCGCCTAGTTTTTCTATCTCTCCCGAGCC TGAGTCTCTGAGCCGTCCTCAGCAAACGCTCAGGGGCTGCAGAGGCCCGAGAGCTTGGC TCTCTGGCAGATTTCTCTAGTAAGAGGTGGCTCTGGAGGCCCGCAAACGAGTGTGGT GTGTGGTTGCAAGGCATGATGGCTGCAAAAGTGGTTCTATGCCCCCAAAGCCAAAGCAG TCCTTTATACTGAGAGTTCCGCCAGACTCCAAGCTGGGCCAAGACCTACTTCGAGATGCC ACTAACGGGCCAAAGACCATCCACCAGCTAGTGCTGGAGCACTTCTCACCTTCTTGCCC AAGCCAAGCCTGGTCCAGCCAGTCAGAAAGTCAAGGAGACCTTGGTTATTATGAAAGAT GTGAGCTCAAGCCTTCAGAACAGAGTGCATCCTCGTCCCTTGGTGAAGCTTCTGCCCAA AGAGTCCAAAAGGAACAAGACAGTGTCTCTGTATTTGAAAGCTAACCTGAGGAGCTG GTGGTCTTTGACGATTTGAATGTATTTCACTGCCAGGAAGAATGTGTGAGCTTGGATCCT ACTCAACAACCTACGTCAGAGAAAAGAAGTACAGCAGTGTGGGGAAATGATGTTACTG GTCATGGCAGTTATCCTGAAGTGAAGATCCTGAAAGGAACCTGTGNAATGAAGATAT AGAGAACAGCCTCAGATGAGATGAATGGATTCTTCTTGGTCTCTCAAAGCCTCCCGATAC CAGAAAAGGACGACTAATACTCCTTTCCANAAAGGAAATGAGAAGTGTAAATCCATTG AAAA</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_003454 unedited</p> <pre>GACCGCGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTATCACAAATTGTAAT ATTATTGAAATTGATTGCAAATTTAGATCACATACAAATGAGAGTCTGACATTCAACTGT TTTCTATATTTCAAAGTAAACAATTCCTTTCAACTCAAGACTTAAACAGGTATTCTT AGAGGGTTATATGAATTGCTATCAGAAGCTGTTGGCTAACAAAGCCAGTAATTTGGTTCTT TCACCAGAACACAGTCCAGATAAGCATCTTTGCACTATTTCTCAAGTATGAATCCCAT GTGGGGGAAAACGGATATACTTTCAATAGACACAAGTCACTCTTTGCCTTCCAAGTAAG CAGACTCCAGATTCATCTTCAAAGTGTGGGAAAGGGATCTGTGACCTGTACATTATCA TATAACTTCAAAAAGGAAAGCTCCTTAGCCAAAAAGCCTAGATGCTGAGGTATAGCCCT TGAAATGTTTTCTCCCTGTGAATTTTCTAGCAATTTGAGGTTTTAGCTAAGATGGGCAT TTATCCAATTTTGGCAATAATGAGATTTTACCACATTTATACCTTTTTAGGCAGCTTGG GAATTCAGAACTACTTATGAAAGCTCTCAGGTTGAGGCAGCACCATCAGACCCAGAAAGG GTTCCAGTATTACTTCTGCTTTTCGGGACTTACAGGCTGAGTGGGTTTTCTCATGCCGGG TACAGTTTGACAGCCGACCAAATCTCCACACATTTTTTGACCATATGGGCTCTCACGC TCATGATTCTGCAGATGAAGCACAACTACTCATCCTTTGGGAAGGGTTCCACATCTG GACACTTAAATATTCTCTCCTATATGGATTCTCATGACAACTCCGATGAGAATCTGACG AAGTTTTTCCCCCTGACACAGAAATAAGTTTTTCTCTGTT</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_003454
Insert Size:	2210 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: [NM_003454.2](#), [NP_003445.2](#)

RefSeq Size: 3609 bp

RefSeq ORF: 1188 bp

Locus ID: 7752

UniProt ID: [P98182](#)

Cytogenetics: 16p13.3

Domains: zf-C2H2

Protein Families: Transcription Factors

Gene Summary: Could have a role in spermatogenesis.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longest isoform (1). Both variants 1 and 2 encode the same isoform.