

Product datasheet for **SC309354**

ZFP200 (ZNF200) (NM_198087) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZFP200 (ZNF200) (NM_198087) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF200
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC309354 representing NM_198087. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATGGCTGCAAAAGTGGTTCCTATGCCCCAAAGCCAAAGCAGTCCTTTATACTGAGAGTTCGCCCA
GACTCCAAGCTGGGCCAAGACCTACTTCGAGATGCCACTAACGGGCCAAGACCTCCACCAGCTAGTG
CTGGAGCACTTCCCTCACCTTCTTGCCCAAGCCAAGCCTGGTCCAGCCAGTCAGAAAGTCAAGGAGACC
TTGGTTATTATGAAAGATGTGAGCTCAAGCCTTCAGAACAGAGTGCATCCTCGTCCCTTGGTGAAGCTT
CTGCCCAAAGGAGTCCAAAAGGAACAAGAGACAGTGTCTCTGTATTTGAAAGCTAACCTGAGCTGGTG
CTCTTTGAGGATTTGAATGTATTTCACTGCCAGGAAGAATGTGTGAGCTTGGATCCTACTCAACAACCTC
ACGTGAGAGAAGGAAGATGACAGCAGTGTCCGGGAAATGATGTTACTGGCAGTCAATGGCAGTAATCCT
GAAGGTGAAGATCCTGAGAGGGAACCTGTAGAAAATGAAGATTATAGAGAAAAGTCTTCAGATGATGAT
GAAATGGATTCTTCTTGGTCTCTCAGCAGCCTCCCGATAACCAGGAAAAGGAACGACTAAATACATCC
ATTCCACAAAAAAGGAAAATGAGAAATCTGTTAGTTACCATTGAGAAATGATACTCCTCTAGAGGAACTC
TCAAAATATGTAGACATCAGTATTATTGCCCTTACTCGAAATCGGAGGACAAGGAGATGGTACACTTGT
CCACTGTGTGGGAAACAGTTTAAATGAAAGTTCTTACCTCATTTCACCAGAGGACCCACACTGGAGAA
AAACCCTATGACTGTAACTACTGTGGGAAAAGCTTCAATCATAAAACAAACCTCAATAAACATGAGCGA
ATTCATACAGGAGAGAAACCTTATTCCTGTTCTCAGTGTGAAAAAACTCCGTCAGAATTCTCATCGG
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AAGAATGAGGAGTTTGTGCTTACTGTCAGAGTCAAGGCTGAGAGACCATATGGTTGCAAAAAATGT
GGGAGAAGATTTGGTCCGCTGTCAAACGTACCCGGCATGAGAAAACCCACTCAGCCTGTAAAGCCCGA
AAGCAGAAGTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: Sgfl-Mlul

Plasmid Map:



ACCN:	NM_198087
Insert Size:	1185 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none"> 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_198087.2</u>
RefSeq Size:	3179 bp
RefSeq ORF:	1185 bp
Locus ID:	7752
UniProt ID:	<u>P98182</u>
Cytogenetics:	16p13.3
Protein Families:	Transcription Factors
MW:	45.4 kDa
Gene Summary:	<p>Could have a role in spermatogenesis.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR and uses an alternate in-frame acceptor splice site at the penultimate coding exon compared to transcript variant 1. This results in an isoform (2) missing 1 aa compared to isoform 1.</p>