

## Product datasheet for **SC326471**

### ZFP200 (ZNF200) (NM\_001145446) Human Untagged Clone

#### Product data:

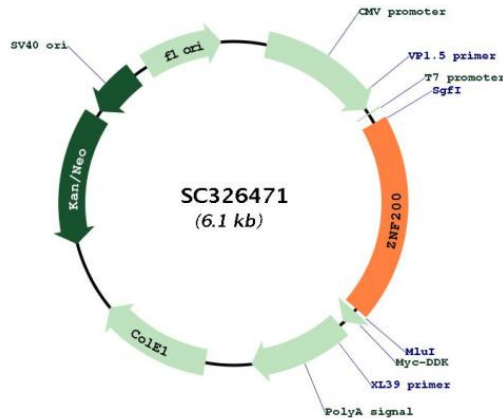
Product Type:	Expression Plasmids
Product Name:	ZFP200 (ZNF200) (NM_001145446) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF200
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC326471 representing NM_001145446. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATGGCTGCAAAAGTGGTTCCTATGCCCCAAAGCCAAAGCAGTCCTTTATACTGAGAGTTCCGCCA
GACTCCAAGCTGGGCCAAGACCTACTTCGAGATGCCACTAACGGGCCAAGACCTCCACCAGCTAGTG
CTGGAGCACTTCTCACCTTCTTGCCCAAGCCAAGCCTGGTCCAGCCCAGTCAGAAAGTCAAGGAGACC
TTGGTTATTATGAAAGATGTGAGCTCAAGCCTTCAGAACAGAGTGCATCCTCGTCCCTTGGTGAAGCTT
CTGCCAAAGGAGTCCAAAGGAACAAGAGACAGTGTCTCTGTATTTGAAAGCTAACCTGAGGAGCTG
GTGGTCTTTGAGATTTGAATGTATTTCACTGCCAGGAAGAATGTGTGAGCTTGGATCCTACTCAACAA
CTCACGTCAGAGAAGGAAGATGACAGCAGTGTCCGGGAAATGATGTTACTGGTCAATGGCAGTAATCCT
GAAGGTGAAGATCCTGAGAGGGAACCTGTAGAAAATGAAGATTATAGAGAAAAGTCTTCAGATGATGAT
GAAATGGATTCTTCTTGGTCTCTCAGCAGCCTCCCGATAACCAGGAAAAGGAACGACTAAATACATCC
ATTCCACAAAAAGGAAAATGAGAAATCTGTTAGTTACCATTGAGAAATGATACTCCTCTAGAGGAACTC
TCAAAATATGTAGACATCAGTATTATTGCCCTTACTCGAAATCGGAGGACAAGGAGATGGTACACTTGT
CCACTGTGTGGGAAACAGTTTAAATGAAAGTTCTTACCTCATTTCCACCAGAGGCCACACTGGAGAA
AAACCCTATGACTGTAATCACTGTGGGAAAAGCTTCAATCATAAAACAAACCTCAATAAACATGAGCGA
ATTCATACAGGAGAGAAACCTTATCCTGTTCTCAGTGTGAAAAAACTCCGTCAGAATTCTCATCGG
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AAGAATGAGGAGTTTGTGCTTACTGTCAGAGTCATGAGGCTGAGAGACCATATGGTTGCAAAAAATGT
GGGAGAAGATTTGGTCGGCTGTCAAACGTACCCGGCATGAGAAAACCCACTCAGCCTGTAGACCCGA
AAGCAGAAGTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
```

Restriction Sites: Sgfl-Mlul



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**Plasmid Map:**


**ACCN:** NM\_001145446

**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:**

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\\_001145446.1](#)

**RefSeq Size:** 3179 bp

**RefSeq ORF:** 1185 bp

**Locus ID:** 7752

**UniProt ID:** [P98182](#)

<b>Cytogenetics:</b>	16p13.3
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	45.5 kDa
<b>Gene Summary:</b>	Could have a role in spermatogenesis.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) differs in the 5' UTR and uses an alternate in-frame acceptor splice site at the ultimate coding exon compared to transcript variant 1. This results in an isoform (3) missing 1 aa compared to isoform 1. Variants 4,5 and 6 encode the same isoform.