

## Product datasheet for **RC227694**

### ZFP200 (ZNF200) (NM\_001145447) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZFP200 (ZNF200) (NM_001145447) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZFP200
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC227694 representing NM_001145447 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATGGCTGCAAAAGTGGTTCCTATGCCCCAAAGCCAAAGCAGTCCTTTACTGAGAGTTCGCCAG  
ACTCCAAGCTGGGCCAAGACCTACTTCGAGATGCCACTAACGGGCCAAGACCATCCACCAGCTAGTGCT  
GGAGCACTTCCTCACCTCTTGCCCAAGCCAAGCCTGGTCCAGCCAGTCAGAAAGTCAAGGAGACCTTG  
GTTATTATGAAAGATGTGAGCTCAAGCCTTCAGAACAGAGTGCATCCTCGTCCCTGGTGAAGCTTCTGC  
CCAAAGGAGTCCAAAAGGAACAAGAGACAGTGTCTGTATTTGAAAGCTAACCCGAGGAGCTGGTGGT  
CTTTGAGGATTTGAATGTATTTCACTGCCAGGAAGAATGTGTGAGCTTGGATCCTACTCAACAACCTCAG  
TCAGAGAAGGAAGATGACAGCAGTGTGGGAAAATGATGTTACTGGTCAATGGCAGTAATCCTGAAGGTG  
AAGATCCTGAGAGGGAACCTGTAGAAAATGAAGATTATAGAGAAAAGTCTTCAGATGATGATGAAATGGA  
TTCTTCTTGGTCTCTCAGCAGCCTCCCGATAACCAGGAAAAGGAACGACTAAATACATCCATCCACAA  
AAAAGGAAAATGAGAAATCTGTTAGTTACCATTGAGAATGATACTCCTCTAGAGGAACTCTCAAAATATG  
TAGACATCAGTATTATTGCCCTTACTCGAAATCGGAGGACAAGGAGATGGTACACTTGTCCACTGTGTGG  
GAAACAGTTTAAAGAAAGTTCTTACCTCATTTCCACCAGAGGACCCACACTGGAGAAAAACCTATGAC  
TGTAATCACTGTGGGAAAAGCTTCAATCATAAAACAAACCTCAATAAACATGAGCGAATTCATACAGGAG  
AGAAACCTTATTCTGTTCTCAGTGTGGAAAAAATTCGGTCCAGAAATTCATCGGAGTCTCATGAAGG  
AATCCATATAAGGGAGAAGATATTTAAGTGTCCAGAATGTGGGAAAACCTTCCAAAGAATGAGGAGTTT  
GTGCTTCACTGCAGAGTCATGAGGCTGAGAGACCATATGGTTGCAAAAATGTGGGAGAAGATTTGGTC  
GGCTGTCAAACCTGTACCCGGCATGAGAAAACCCACTCAGCCTGTAAGACCCGAAAGCAGAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC227694 representing NM\_001145447  
Red=Cloning site Green=Tags(s)

MMAAKVVPMPKPKQSFILRVPPDSKLGQDLLRDATNGPKTIHQVLVLEHFLTFLPKPSLVQPSQKVKETL  
 VIMKDVSSSLQNRVHPRPLVKLLPKGVQKEQETVSLYKANKPEELVVFEDLNVFHCQEECVSLDPTQQLT  
 SEKEDDSSVGGEMMLLVNGSNPEGEDPEREPVENEDYREKSSDDDEMDSSLVSQQPPDNQEKERLNTSIPQ  
 KRKMRNLLVTIENDTLEELSKYVDISIIALTRNRRTTRWYTCPLCGKQFNESYLIHQRTHTGEKPYD  
 CNHCGKSFNHTNLNKHHERIHTGEKPYSCSQCGKNFRQNSHRSRHEGIHIREKIFKCPECCKTTPKNEEF  
 VLHLQSHEAERPYGCKKCGRRFGRLSNCTRHEKTHSACKTRKQK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk8076\\_g11.zip](https://cdn.origene.com/chromatograms/mk8076_g11.zip)

**Restriction Sites:** Sgfl-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001145447

**ORF Size:** 1182 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001145447.2](#)

**RefSeq Size:** 3384 bp

**RefSeq ORF:** 1185 bp

**Locus ID:** 7752

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

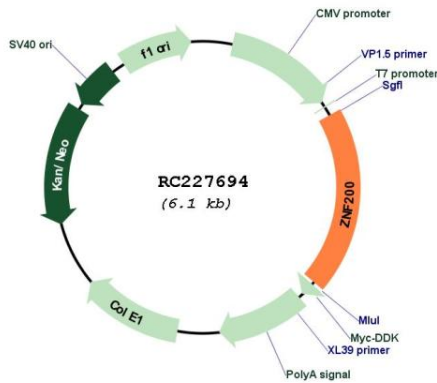
**Cytogenetics:** 16p13.3

**Protein Families:** Transcription Factors

**MW:** 45.5 kDa

**Gene Summary:** Could have a role in spermatogenesis.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC227694