

Product datasheet for RC227651

ZFP200 (ZNF200) (NM_001145446) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZFP200 (ZNF200) (NM_001145446) 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:	>RC227651 representing NM_001145446 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGGCTGCAAAAGTGGTTCCTATGCCCCAAAGCCAAAGCAGTCCTTTATACTGAGAGTTCGCCAG
ACTCCAAGCTGGGCCAAGACCTACTTCGAGATGCCACTAACGGGCCAAGACCATCCACCAGCTAGTGCT
GGAGCACTTCCTCACCTTCTTGCCCAAGCCAAGCCTGGTCCAGCCAGTCAGAAAGTCAAGGAGACCTTG
GTTATTATGAAAGATGTGAGCTCAAGCCTTCAGAACAGAGTGCATCCTCGTCCCTGGTGAAGCTTCTGC
CCAAAGGAGTCCAAAAGGAACAAGAGACAGTGTCTGTATTTGAAAGCTAACCCGAGGAGCTGGTGGT
CTTTGAGGATTTGAATGTATTTCACTGCCAGGAAGAATGTGTGAGCTTGGATCCTACTCAACAACCTCAG
TCAGAGAAGGAAGATGACAGCAGTGTGGGAAAATGATGTTACTGGTCAATGGCAGTAATCCTGAAGGTG
AAGATCCTGAGAGGGAACCTGTAGAAAATGAAGATTATAGAGAAAAGTCTTCAGATGATGATGAAATGGA
TTCTTCTTGGTCTCTCAGCAGCCTCCCGATAACCAGGAAAAGGAACGACTAAATACATCCATCCACAA
AAAAGGAAAATGAGAAATCTGTTAGTTACCATTGAGAATGATACTCCTCTAGAGGAACTCTCAAAATATG
TAGACATCAGTATTATTGCCCTTACTCGAAATCGGAGGACAAGGAGATGGTACACTTGTCCACTGTGTGG
GAAACAGTTTAAAGAAAGTTCTTACCTCATTTCCACCAGAGGCCACACTGGAGAAAAACCTATGAC
TGTAATCACTGTGGGAAAAGCTTCAATCATAAAACAAACCTCAATAAACATGAGCGAATTCATACAGGAG
AGAAACCTTATTCTGTTCTCAGTGTGGAAAAAATTCGGTCCAGAAATTCATCGGAGTCTCATGAAGG
AATCCATATAAGGGAGAAGATATTTAAGTGTCCAGAATGTGGGAAAACCTTCCAAAGAATGAGGAGTTT
GTGCTTCACTGCAGAGTCATGAGGCTGAGAGACCATATGGTTGCAAAAATGTGGGAGAAGATTTGGTC
GGCTGTCAAACCTGTACCCGGCATGAGAAAACCACTCAGCCTGTAAGACCCGAAAGCAGAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >RC227651 representing NM_001145446
Red=Cloning site Green=Tags(s)

MMAAKVVPMPKPKQSFILRVPPDSKLGQDLLRDATNGPKTIHQVLVLEHFLTFLPKPSLVQPSQKVKETL
 VIMKDVSSSLQNRVHPRPLVKLLPKGVQKEQETVSLYKANKPEELVVFEDLNVFHCQEECVSLDPTQQLT
 SEKEDDSSVGGEMMLLVNGSNPEGEDPEREPVENEDYREKSSDDDEMDSSLVSQQPPDNQEKERLNTSIPQ
 KRKMRNLLVTIENDTLEELSKYVDISIIALTRNRTRRWYTCPLCGKQFNESSYLIHQRTHTGEKPYD
 CNHCGKSFNHTNLNKHHERIHTGEKPYSCQCGKNFRQNSHRSRHEGIHIREKIFKCPECGKTFPKNEEF
 VLHLQSHEAERPYGCKKCGRRFGRLSNCTRHEKTHSACKTRKQK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: 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_001145446

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_001145446.2](#)

RefSeq ORF: 1185 bp

Locus ID: 7752

UniProt ID: [P98182](#)

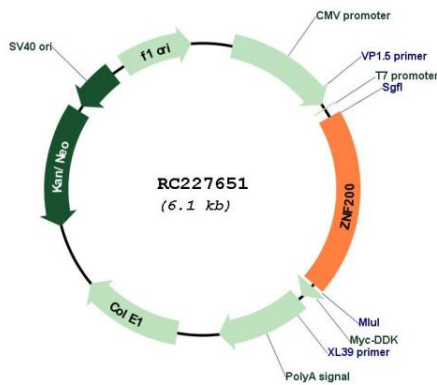
Cytogenetics: 16p13.3

Protein Families: Transcription Factors

MW: 45.3 kDa

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

Product images:



Circular map for RC227651