

Product datasheet for **RG227651**

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:	TurboGFP
Symbol:	ZFP200
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG227651 representing NM_001145446 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGCAAAAGTGGTTCCTATGCCCCCAAAGCCAAAGCAGTCCTTTATACTGAGAGTTCGCCAGACT
CCAAGCTGGGCCAAGACCTACTTCGAGATGCCACTAACGGGCCAAGACCATCCACCAGCTAGTGTGGA
GCATTCCTCACCTTCTTGCCCAAGCCAAGCCTGGTCCAGCCAGTCAGAAAAGTCAAGGAGACCTTGGTT
ATTATGAAAGATGTGAGCTCAAGCCTTCAGAACAGAGTGCATCCTCGTCCCTTGGTGAAGCTTCTGCCCA
AAGGAGTCCAAAAGGAACAAGAGACAGTGTCTCTGTATTTGAAAGCTAACCTGAGGAGCTGGTGGTCTT
TGAGGATTTGAATGTATTTCACTGCCAGGAAGAATGTGTGAGCTTGGATCCTACTCAACAACTCAGTCA
GAGAAGGAAGATGACAGCAGTGTGCGGGAAATGATGTTACTGGTCAATGGCAGTAATCCTGAAGGTGAAG
ATCCTGAGAGGGAACCTGTAGAAAATGAAGATTATAGAGAAAAGTCTTCAGATGATGATGAAATGGATTC
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ACAGTTTAAATGAAAGTTCTTACCTATTCCCACCAGAGGACCCACTGGAGAAAAACCCTATGACTGT
AATCACTGTGGGAAAAGCTTCAATCATAAAACAAACCTCAATAAACATGAGCGAATTCATACAGGAGAGA
AACCTTATTCTGTCTCAGTGTGGAAAAAATTCGGTCAAGAATTCATCGGAGTCGTCATGAAGGAAT
CCATATAAGGGAGAAGATATTTAAGTGTCCAGAATGTGGGAAAACCTTCCCAAAGAAATGAGGAGTTTGTG
CTTCATCTGCAGAGTCATGAGGCTGAGAGACCATATGGTTGCAAAAAATGTGGGAGAAGATTTGGTCCGG
TGTCAAACGTACCCGGCATGAGAAAACCCACTCAGCCTGTAAGACCCGAAAGCAGAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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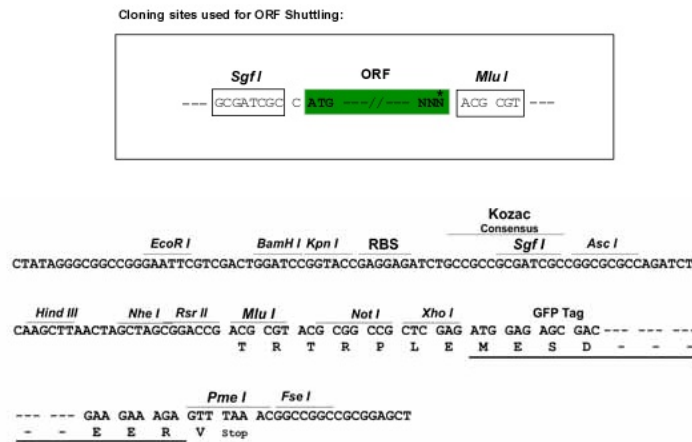
Protein Sequence: >RG227651 representing NM_001145446
 Red=Cloning site Green=Tags(s)

MAAKVVPMPKPKQSFILRVPPDSKLGQDLLRDATNGPKTIHQLVLEHFLTFLPKPSLVQPSQKVKETLV
 IMKDVSSSLQNRVHPRPLVKLLPKGQKEQETVSLYKANPEELVVFEDLNVFHCQECCVSLDPTQQLTS
 EKEDDSSVGEMLLVNGSNPEGEDPEREPVENEDYREKSSDDDEMSSSLVSQPPDNQEKERLNTSIPQK
 RKMNRLLVTIENDTPLEELSKYVDISIIALTRNRRTRRWYTCPLCGKQFNESSYLISHQRTHTGEKPYDC
 NHCCKSFNHNKTNLKNHERIHTGEKPYSCSQCGKNFRQNSHRSRHEGIIHIREKIFKCEPCGKTFPKNEEFV
 LHLQSHEAERPYGCKKCGRRFGRLSNCTRHEKTHSACKTRKQK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



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_001145446.1](#), [NP_001138918.1](#)

RefSeq Size: 3179 bp

RefSeq ORF: 1185 bp

Locus ID: 7752

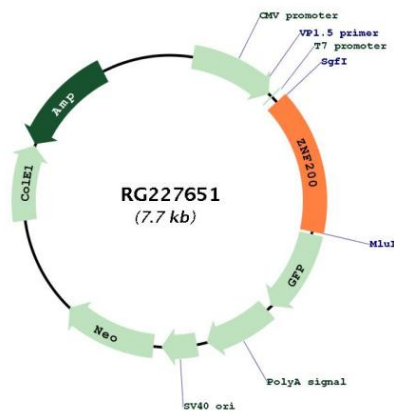
UniProt ID: [P98182](#)

Cytogenetics: 16p13.3

Protein Families: Transcription Factors

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

Product images:



Circular map for RG227651