

Product datasheet for **RG207594**

ZFP200 (ZNF200) (NM_003454) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZFP200 (ZNF200) (NM_003454) 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:	>RG207594 representing NM_003454 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGGCTGCAAAAGTGGTTCCTATGCCCCAAAGCCAAAGCAGTCCTTTATACTGAGAGTTCGCCAG
ACTCCAAGCTGGGCCAAGACCTACTTCGAGATGCCACTAACGGGCCAAGACCATCCACCAGCTAGTGCT
GGAGCACTTCCTCACCTCTTGCCCAAGCCAAGCCTGGTCCAGCCAGTCAGAAAGTCAAGGAGACCTTG
GTTATTATGAAAGATGTGAGCTCAAGCCTCAGAACAGAGTGCATCCTCGTCCCTTGGTGAAGCTTCTGC
CCAAAGGAGTCCAAAAGGAACAAGAGACAGTGTCTCTGTATTTGAAAGCTAACCCGAGGAGCTGGTGGT
CTTTGAGGATTTGAATGTATTTCACTGCCAGGAAGAATGTGTGAGCTTGGATCCTACTCAACAACCTCACG
TCAGAGAAGGAAGATGACAGCAGTGTGGGAAATGATGTTACTGGCAGTCAATGGCAGTAATCCTGAAG
GTGAAGATCCTGAGAGGGAACTGTAGAAAATGAAGATTATAGAGAAAAGTCTTCAGATGATGATAAAT
GGATTCTTCTGGTCTCTCAGCAGCCTCCCGATAACCAGGAAAAGGAACGACTAAATACATCCATTCCA
CAAAAAGGAAAATGAGAAAATCTGTTAGTTACCATTGAGAATGATACTCCTCTAGAGGAACCTCAAAAAT
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TGGGAAACAGTTAATGAAAGTTCTTACCTCATTTCCACCAGAGACCCACACTGGAGAAAAACCCAT
GACTGTAATCACTGTGGGAAAAGCTTCAATCATAAAACAACCTCAATAAACATGAGCGAATTCATACAG
GAGAGAAAACCTTATTCTGTTCTCAGTGTGGAAAAAATTCGGTCAAGATTCTCATCGGAGTCGTCATGA
AGGAATCCATATAAGGGAGAAGATATTTAAGTGTCCAGAATGTGGGAAAACCTTCCCAAAGAATGAGGAG
TTTGTGCTTATCTGCAGAGTCATGAGGCTGAGAGACCATATGGTTGCAAAAAATGTGGGAGAAGATTTG
GTCGGCTGTCAAACCTGTACCCGGCATGAGAAAACCCACTCAGCCTGTAAGACCCGAAAGCAGAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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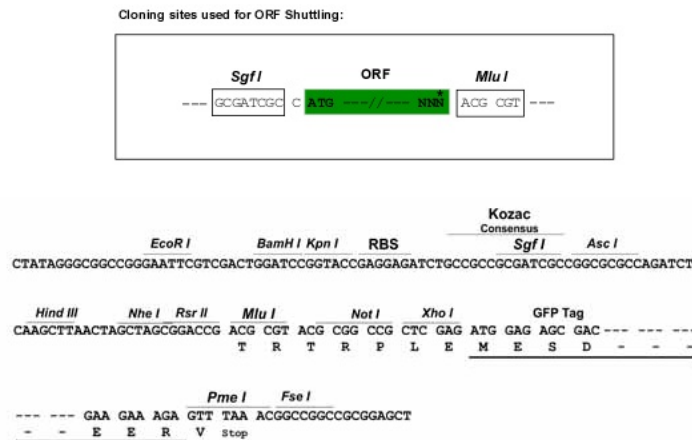
Protein Sequence: >RG207594 representing NM_003454
 Red=Cloning site Green=Tags(s)

MMAAKVVPMPKPKQSFILRVPPDSKLGQDLLRDATNGPKTIHQVLVLEHFLTFLPKPSLVQPSQKVKETL
 VIMKDVSSSLQNRVHPRPLVKLLPKGVQKEQETVSLYLKANPEELVVFEDLNVFHCQEECVSLDPTQQLT
 SEKEDDSSVGMMLLAVNGSNPEGEDPEREPVENEDYREKSSDDDEMSSLSVQQPPDNQEKERLNTSIP
 QKRKMRNLLVTIENDTPEELSKYVDISI IAL TRNRRTTRWYTCPLCGKQFNESYLISHQRTHTGEKPY
 DCNHCGKSFNHKTNLNKHERIHTGEKPYSCSQCGKNFRQNSHRSRHEGIHIREKIFKCPECGKTFPKNEE
 FVLHLQSHEAERPYGCKKCGRRFGRLSNCTRHEKTHSACKTRKQK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_003454

ORF Size: 1185 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_003454.4](#)

RefSeq Size: 3609 bp

RefSeq ORF: 1188 bp

Locus ID: 7752

UniProt ID: [P98182](#)

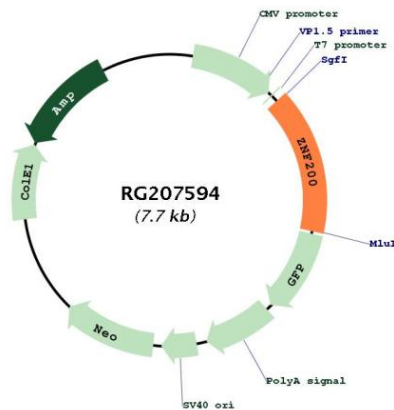
Cytogenetics: 16p13.3

Domains: zf-C2H2

Protein Families: Transcription Factors

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

Product images:



Circular map for RG207594