

Product datasheet for **RG227730**

ZFP200 (ZNF200) (NM_001145448) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZFP200 (ZNF200) (NM_001145448) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF200
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG227730 representing NM_001145448 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGGCTGCAAAAGTGGTTCCTATGCCCCAAAGCCAAAGCAGTCCTTTATACTGAGAGTTCGCCAG
ACTCCAAGCTGGGCCAAGACCTACTTCGAGATGCCACTAACGGGCCAAGACCATCCACCAGCTAGTGCT
GGAGCACTTCCTCACCTCTTGCCCAAGCCAAGCCTGGTCCAGCCAGTCAGAAAGTCAAGGAGACCTTG
GTTATTATGAAAGATGTGAGCTCAAGCCTTCAGAACAGAGTGCATCCTCGTCCCTTGGTGAAGCTTCTGC
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TCAGAGAAGGAAGATGACAGCAGTGTGGGAAATGATGTTACTGGCAGTCAATGGCAGTAATCCTGAAG
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GACTGTAATCACTGTGGAAAAGCTTCAATCATAAAACAACCTCAATAAACATGAGCGAATTCATACAG
GAGAGAAAACCTTATTCTGTTCTCAGTGTGGAAAAAATCCGTCAGAATTCTCATCGGAGTCGTCATGA
AGGAATCCATATAAGGGAGAAGATATTTAAGTGTCCAGAATGTGGGAAAACCTTCCCAAAGAATGAGGAG
TTTGTGCTTATCTGCAGAGTCATGAGGCTGAGAGACCATATGGTTGCAAAAAATGTGGGAGAAGATTTG
GTCGGCTGTCAAACGTACCCGGCATGAGAAAACCCACTCAGCCTGTAAGACCCGAAAGCAGAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG227730 representing NM_001145448
 Red=Cloning site Green=Tags(s)

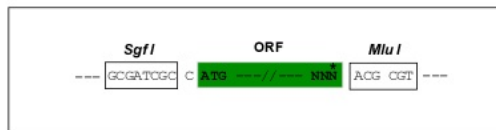
MMAAKVVPMPKPKQSFILRVPPDSKLGQDLLRDATNGPKTIHQLVLEHFLTFLPKPSLVQPSQKVKETL
 VIMKDVSSSLQNRVHPRPLVKLLPKGVQKEQETVSLYLKANPEELVVFEDLNVFHCQEECVSLDPTQQLT
 SEKEDDSSVGMMLLAVNGSNPEGEDPEREPVENEDYREKSSDDDEMDSSLSVQQPPDNQEKERLNTSIP
 QKRKMRNLLVTIENDTPEELSKYVDISIALTRNRRTRRWYTCPLCGKQFNESYLISHQRTHTGEKPY
 DCNHCGKSFNHKTNLNKHERIHTGEKPYSCSQCGKNFRQNSHRSRHEGIHIREKIFKCPECGKTFPKNEE
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TRTRPLE - GFP Tag - V

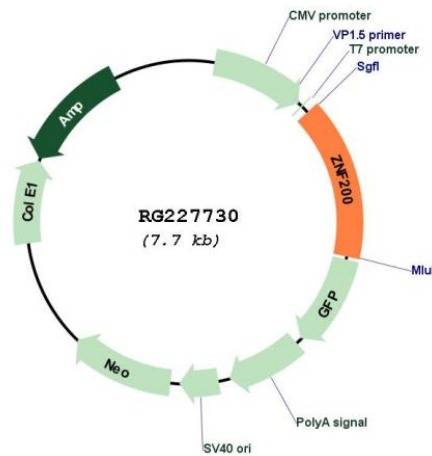
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_001145448

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:	<ol style="list-style-type: none">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_001145448.1 , NP_001138920.1
RefSeq Size:	3303 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]