

## Product datasheet for RC207594

### 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:	Myc-DDK
Symbol:	ZNF200
Synonyms:	MGC45293
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC207594 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGATGGCTGCAAAAGTGGTTCCTATGCCCCAAAGCCAAAGCAGTCCTTTATACTGAGAGTTCGCCAG  
ACTCCAAGCTGGCCAAGACCTACTTCGAGATGCCACTAACGGGCCAAGACCATCCACCAGCTAGTGCT  
GGAGCACTTCTCACCTTCTTGCCAAGCCAAGCCTGGTCCAGCCCAGTCAGAAAGTCAAGGAGACCTTG  
GTTATTATGAAAGATGTGAGCTCAAGCCTTCAGAACAGAGTGCATCCTCGTCCCTTGGTGAAGCTTCTGC  
CCAAAGGAGTCCAAAAGGAACAAGAGACAGTGTCTGTATTTGAAAGCTAACCCCTGAGGAGCTGGTGGT  
CTTTGAGGATTTGAATGTATTTCACTGCCAGGAAGAATGTGTGAGCTTGGATCCTACTCAACAACCTCACG  
TCAGAGAAGGAAGATGACAGCAGTGTGGGAAATGATGTTACTGGCAGTCAATGGCAGTAATCCTGAAG  
GTGAAGATCCTGAGAGGGAACTGTAGAAAATGAAGATTATAGAGAAAAGTCTTCAGATGATGATAAT  
GGATTCTCCTTGGTCTCTCAGCAGCCTCCCGATAACCAGGAAAAGGAACGACTAAATACATCCATTCCA  
CAAAAAGGAAAATGAGAAATCTGTTAGTTACCATTGAGAATGATACTCCTCTAGAGGAACTCTCAAAAT  
ATGTAGACATCAGTATTATTGCCCTTACTCGAAATCGGAGGACAAGGAGATGGTACACTTGTCCACTGTG  
TGGGAAACAGTTTAATGAAAGTTCTTACCTCATTCCACCAGAGGACCCACACTGGAGAAAAACCCAT  
GACTGTAATCACTGTGGGAAAAGCTTCAATCATAAAACAAACCTCAATAAACATGAGCGAATTCATACAG  
GAGAGAAACCTTATTCTGTTCTCAGTGTGAAAAAACTTCCGTCAGAATTCTCATCGGAGTCGTATGA  
AGGAATCCATATAAGGGAGAAGATATTTAAGTGTCCAGAATGTGGGAAAACCTTCCCAAAGAATGAGGAG  
TTTGTGCTTCATCTGCAGAGTCATGAGGCTGAGAGACCATATGGTTGCAAAAAATGTGGGAGAAGATTTG  
GTCGGCTGTCAAACGTACCCGGCATGAGAAAACCCACTCAGCCTGTAAGACCCGAAAGCAGAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC207594 protein sequence  
 Red=Cloning site Green=Tags(s)

MMAAKVVPMPKPKQSFILRVPPDSKLGQDLLRDATNGPKTIHQVLVLEHFLTFLPKPSLVQPSQKVKETL  
 VIMKDVSSSLQNRVHPRPLVKLLPKGVQKEQETVSLYKANKPEELVVFEDLNVFHCQECSVSLDPTQQLT  
 SEKEDDSSVGEMLLAVNGSNPEGEDPEREPVENEDYREKSSDDDEMDSSLSVQQPPDNQEKERLNTSIP  
 QKRKMRNLLVTIENDTPEELSKYVDISIIALTRNRRTRRWTCP LCGKQFNESYLISHQRTHTGEKPY  
 DCNHCGKSFNHKTNLNKHRIHTGEKPYSCSQCGKNFRQNSHRSRHEGIHIREKIFKCPECGKTFPKNEE  
 FVLHLQSHEAERPYGCKKCGRRFGRLSNCTRHEKTHSACKTRKQK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

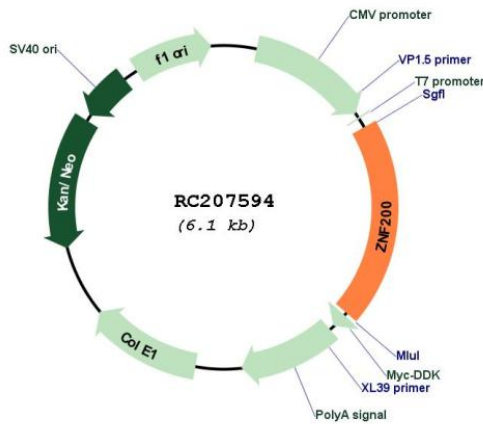
Chromatograms: [https://cdn.origene.com/chromatograms/mk6379\\_c03.zip](https://cdn.origene.com/chromatograms/mk6379_c03.zip)

Restriction Sites: SgfI-MluI

Cloning Scheme:

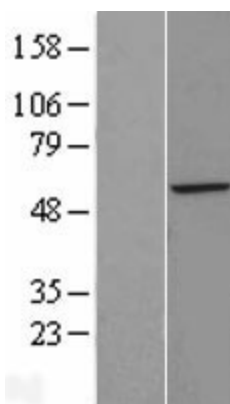


Plasmid Map:

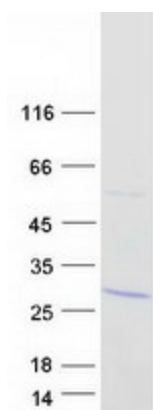


ACCN:	NM_003454
ORF Size:	1185 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_003454.4</a>
RefSeq Size:	3387 bp
RefSeq ORF:	1188 bp
Locus ID:	7752
Domains:	zf-C2H2
Protein Families:	Transcription Factors
MW:	45.5 kDa
Gene Summary:	Could have a role in spermatogenesis. [UniProtKB/Swiss-Prot Function]

### Product images:



Western blot validation of overexpression lysate (Cat# [LY405075]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC215499] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified ZNF200 protein (Cat# [TP307594]). The protein was produced from HEK293T cells transfected with ZNF200 cDNA clone (Cat# RC207594) using MegaTran 2.0 (Cat# [TT210002]).