

Product datasheet for **RR211884**

Zfp956 (NM_001014056) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp956 (NM_001014056) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp956
Synonyms:	RGD1304879; Zfp977
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR211884 representing NM_001014056
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACTGAGGCAGCCGCTGCACCGACTGGCATATGGGGCCTGACCTCCAACAACAGGCCAGATCCAGT
 GCACAGAGACCTCCCTTTTAGCTCTCCTAGCTGCTATTACAGCAGTGGAGAAGAAAACAGAGTCCCAGGG
 TATCCACCTTCAAATTTGGAAGTGCAGGACAGGATCAGCCGAGAAGAAGCTGACTGACTTTGAGAAGACA
 GCTGTGGAGCTCAGCAGCCAGCTGGAGGCAAGTGGCCGCTGCTGGGACCCTGCTGCAGGAGTACGGGC
 TGCTGCAGCGACGGCTGGAGAACCTGGAGAACCAGATGCAAAACCGGAACCCCTGGGCTCTGAGGCTTCC
 TCCCAGCAGCAAGGATGAAGCCCCAAGTTTCTGTGATTACTGAAGAGGTGACTGGGTGTTTCCCAGAG
 CAACAGGAAGGCAGCCCGAAGACTGGCAAAAGGAGCTCTGTAAGCATGTGGCAAAGGAAAGGCGTGAGG
 TGCTGGGCTCTAGAAACAGGCCAGCTGGAATCTGCCCCGAGTGTCTCCCTGGATCAAGCAAGAGGA
 AGAGGTGTGTAGAAGAGCCTGCAAGAGACAACAGTGCATCCCTATGCTCAGAAACATGGCTGGCTAAC
 AAGAAAAGGACCCCTGGAGGGGATGTCCCTGGCACCAGAGCCATCCTGGGTGACTGAAGGGGGACCTGGCA
 AGGAGGATTTTCAGCGAGCAGGGTACCTGTGGTGATCTGCTCCCTGTTTGCAGAGAGAGAGAGGCCTCCTC
 CCTCCCTCGAGGCTCTCAGAGTCAGTCACTGTCGCTGCTGAGGGCACTGAGAATGGCCAGAACTTTAAT
 GTGCAGGAGCTCAGCAAGCAGCTCGAGTACTCACACCATGGATCGCAGCCCTTGGCCAGTCTCCAGTGT
 CCCAAAGTGTGCACAGCAGGCTCACTCTACTAGGAATCGTCGTGACCCCGCAGCCAGCGTGCCTACAC
 CTGTGTCCAGTGTGGCAAGACTTCGTCCACCAGTCGACACTTACCACACACTACCGCACACACTGGG
 GAAAAGCCTTACAAATGTGCTGAGTGTGAGAAGCGGTTTGGCCGCTGTCTACTGCTGGAGCATCAGC
 GTACCCACACTGGAGAGCGGCCCTTCCCCTGCGCACAGTGTGGCCGCTGTTTTGGGCGCCTGTCCACTCT
 GGTGGAACATAGGCGCACACACACGCGGTGAGAAGCCATTTCCATGTACCCAGTGTGACAAACGTTTCACA
 CGCCTGGCCAACCTGACCGTGCACCAGAGTGTGCACTCAGGGTTTCTCTGTAGTGTGAGCTGACCTGG
 AACTTGCTCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR211884 representing NM_001014056
 Red=Cloning site Green=Tags(s)

MTEAAAAPDWHMGPDLQQQAQIQCTETSLALLAAIQAVEKKTESQGIHLQNLVVRTGSAEKKLTDFEKT
 AVELSSQLEGKWAVLGTLLQEYGLLQRRLENLENQMQRNPWVLRLLPSSKDEAPKVSIVITEEVTGCFPE
 QQEGSPEDWQKELCKHVAKERREVLGSLETGQLESAPSVLPWIKQEEVCEKSLQETTASLCSSETWLAN
 KKRTLEGMSLAPEPSWVTEGGPGKEDFSEQGTGDLPLVCREREASSLPRGSQSQSVSAAEGTENGQNFN
 VQELSKQLEYSHHGSQPFASLQCPQSAAQVTLTRNRRAPAAQRAYTCVQCGKSFVHQSTLTTHYRTHTG
 EKPYPKAECEKRFGRLLSTLLEHQRTHTGERPFPCAQCGRRFGRLLSTLVEHRRHTHTGKPPFPCTQCDKRF
 RLANLTVHQSVHSGFLCVVSADLELAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001014056

ORF Size: 1341 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_001014056.1](#), [NP_001014078.1](#)

RefSeq Size: 1627 bp

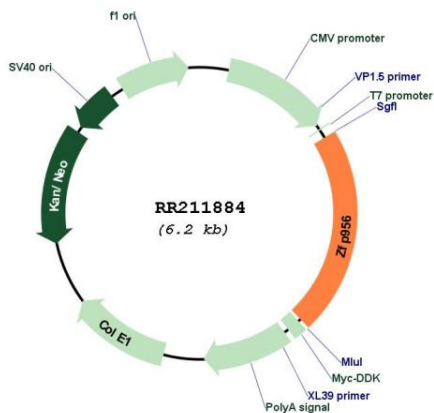
RefSeq ORF: 1344 bp

Locus ID: 312301

Cytogenetics: 4q24

MW: 49.8 kDa

Product images:



Circular map for RR211884