

Product datasheet for **MR210584**

Zfp790 (NM_146185) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp790 (NM_146185) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp790
Synonyms:	6330581L23Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR210584 representing NM_146185
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACATTCAGAGATGTGGCCGTAGACTTCTCTCCAGAGGAGTGGGAGTGTCTGAGCCTGGACCAGAAGA
 GTTTATACCGAGATGTCATGCTGGAGAACTACAGCCACCTTGTCTCAGTGGGGCTTTGCATTATCAACC
 GCATGGGTTCCCTGTGCCAGAGAAAGAGCAAGATGCCTGCATGGATTTGGGCAATGAGCCTAGCAGATTT
 TGCCAGATACAGATTCCCGGTGGCAGATGAAGAAAGCCCTACGGACAAACAGCACGTGCCAACTCGGT
 TGTCCCACTGGGAGGGAATGGGAATGGAGCCAAAGCACGGGCTTGACGCCTCGTGTCTGCAGCCGACTG
 GGAAGGCAAAGGTCAGGAGCCACCACAAAGTGAGAATCAAGAGGAAACGCTCCAGCAAATGACACTCGCT
 TGTGACAACTGCCCTTCTGAATCTGCTCACAGCTCTTCAGTGTCCAAGACTGAAGCTAGCAGAGAAAA
 CAAAGGAAGTCAAATCGAAAAATCCTTAGTTTTGCACCAGAGCCCGCTCAACTTCAGCTATTACAC
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 GCCTCACTGGTCAACAAGAGAATTCATACTGGGGAGAAGCCGTTACAGTGTAAAGGAGTGTGGAAAGCCCT
 CAGATTCACACTACTGCTCAGTGTCCAGTTCCGACTCACACTGGCGAGAAGTCTTACGAGTGTAAAGGA
 TGTGGAAAGTTCTTTAACTACAGCTCAGACCTGACTCGACATCACCGGATCCACACGGGAGAAAAAGCCCT
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 TGGCGAGAAGCCCTACGAGTGAATGAGTGTGGAAAGCCCTTATCCAGCAGTCACATCTCATTAAACAT
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 AACGGGGAGACCTTCTTTCCAGGCGCAGAGTTTCCGCACTGTGAGACAGTTCACACCGGTAAAGAAGTGT
 ACGAGTGTAAAGAGTGTGGCAAGGCTTTTAGTCTGCGCTCCATCGTTAGTAGTCTTAAAAAATTCATAA
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 ATTCGGGAGAAACGTTTTCAATGCAAGGAATGCCAAAGGCCCTTAGATACAGCTCAGAAGTACCCGAC
 ATCAGAGACTCCATACTGGAGAAAAGCCGTATAAATGTCAGGAGTGTGGAAGGCCCTTGCTTCTGCGTC
 AGACCTGGCCCGGCACAGAGGATTCACACTGGTGAAGCCGCTACGAGTGAATGAGTGTGGGAAAGCC
 TTTATTCAACAGTCACACCTCATTAAACATCAGAGAGTTCACAGTGCCGAGCAGCCCAAGGATGTGATGA
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 GATAAGAAATTAAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR210584 representing NM_146185
Red=Cloning site Green=Tags(s)

MTFRDVAVDF SPEEWECLSLDQKSLYRDVMLENYSHL VSVGLCIYQPHGFPVPEKEQDACMDLGNEPSRF
CPD TDSRWQM KALRTNSTCATRLSHWEGMGMEPKHGLAASCPAADWEGKGOEPPQSENQEETLQQMTLA
CDKLPLLNLLTALQCPRLKLAETKEVKSEKSFSAPEPAQLQLIHTGEKFEEDKKRGKTFPPGPKLTRY
RAVQDGKKAFQCDECGKAFSFRSSLTGHKRIHTGEKPF TCKEKGAFRFHSLLSVHVRTHTGEKS YECKA
CGKFFNYSSDLTRHHRIHTGEKPYQCRCGKAFSCGSDLTRHERIHTGEKPYECNECGKAFIQQSHLIK
QRIHTGEKPYVCKEKGKAF TCGSQLSQRKIHTGDKLHKCKECKNSFSFALDHTQRQLIYIGKFFEDKE
NGETFFPGA EFPQCETVHTGKLYECKEKGKAFSLRSIVSSLKKIHNREKLFKCKDCEKAFRCPSDL SRH
QKIHTGEKPYCKEKGKGFICRSDLGRHQRVHTGVKPYVCKEKGKAFTRGAHLTQHQKIHKKSHFNEG
EKAFSSGLENTPHSLIPTGEKLWERKEYGEAVLHDPERTQLQAAKTTYDCKEKGKDFSWHSHD TLKAVH
IREKRFQCKECPKAFRYSSELTRHQRHTGEKPYKCQECWKAFASADLARHQRIHTGERPYECNECGKA
FIQQSHLIKHQVHSAEQPKDVMSAEKPSLGSPMLLN MREFTLVNINLRSVGI LLMAQLNPCQKIYT
DKKLS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-Mlul

Cloning Scheme:


ACCN: NM_146185

ORF Size: 2337 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_146185.1](#)

RefSeq Size: 4525 bp

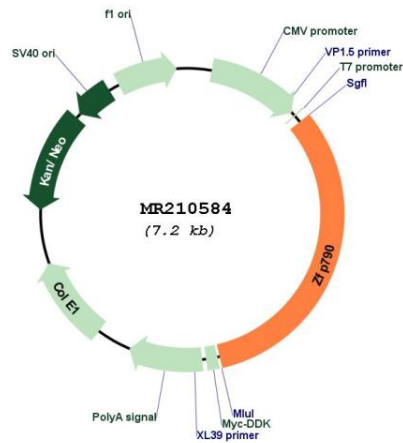
RefSeq ORF: 2340 bp

Locus ID: 233056

Cytogenetics: 7 B1

MW: 89.8 kDa

Product images:



Circular map for MR210584