

## Product datasheet for **MR216334**

### Zfp62 (NM\_009562) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp62 (NM_009562) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp62
Synonyms:	A1227021
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR216334 representing NM\_009562  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTCATATTTGAAGACAACCATGGAGGATGAGGAGTCGTCTAAAAAGAATGAAAATGATTCAAATGCAG  
 ACTCTCAGTGCCCAAGTGTGGGATTTTTTCATAAGGATCATATGCAGAAAATCTAAGACCGGTGACACTTG  
 TGACTTGTTCCTAAATGGAAAATACTGAAGGAAGGCAAAAAGTAGTATCAGAGAAAATGATTGACACACAT  
 ACAAACGCAGCAAATATAAACTAGAGCAGGATGATGAGACATCTGAGAAAAGTTTCTACCCAAGTACAA  
 ATACAATGCACCAGACTATCCCCACAGAACCAAATTTGACTAAACAAGGTGAGCACACAGAGAACATTAA  
 TGGAAACGTACACCCTGCTCATATTGCTGATAAGAAATACATAAGTGTGATGAGTGTGGAAAATCCTTC  
 AAATACAATTCTCGTCTTGTTCACATAAAAATATGCACACTGGAGAAAAGCGCTACGAGTGTGATGACT  
 GTAGGGGACTTTTCGGAGTAGTCCAGTCTTCGAGTCCACAAGCGCATCCATACTGGGAAAAGCCCTA  
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 GGGGAGAAGAAGTGCAAAATGTGACGAATGTGAAAATCCTTCAATTATAGTTCTGTTCTGGACCAGCATA  
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 TTTGAGAGTCCACAAAAGGATCCACACAGGGGAGAAGCCCTATGAATGTGATACCTGTGGAAAACCTTC  
 AGTAATAGTTCTGGCCTGAGGGTCCACAAAAGGATCCATACAGGTGAGAAAACCTATGAATGTGATGAAT  
 GTGGGAAGGCATTCACTTGCAGAACCTTCTAAATCATAAAAAGCATCCACTTTGGTGATAAACCTTA  
 TAAATGTGATGAGTGTGAAAAATCTTTTAATTACAGCTCTCTCCTCATTACAGCATAAAGTATCCACACT  
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 AAAGGATCCACACAGGAGAGAAAACCTTACAAGTGTGATATCTGTGGCAAAGCATTACAGTATGATTCAGG  
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 GTGGCAAACGTTTCAGGAACAATTCAGGCTCTCAAAGTTCATCGGAGACTCCATACTGGGAAAACCCATA  
 TAAGTGTGATGTATGTGGGAAGGCCTATATCTCACGCTCAAGCCTTAAAAATCACAAAGGAATCCACATG  
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 ATCTCACTCTCAAGCCTTATAAATCATAAAAAGTGTACACCCTGGGAAAAGCCCTTAAAGTGTGATGAGT  
 GTGAGAAAAGCCTTCATACATACAGAACACTTCTAAACCACAAAAAATTCATCTTGGAGAAAAGCCCTA  
 TAAATGCGATGTGTGTGAGAAAATCTTTAACTACACCTCACTCCTTTCTCAACACAAAAGAGTTCATACT  
 AGAGAGAAAACCTTTGAATGTGACAGGTGTGAGAAGGTCTTCAGAAAACAACCTCAAGCCTTAAAGTGCATA  
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 AAAGTCATAGTGGCACATTCCAGAAGATGATCTACTATGAGGGAGGGAATCTCTGGATGGGACCAGAAT  
 GCAGATGCCTGTGTGGGAGGCAGAGCATGCCAAGTCTCAAAGAAATCAAATAGAAGAAAACTTTATGAA  
 TATAACAATTTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAAGTTTAA

Protein Sequence: >MR216334 representing NM\_009562  
 Red=Cloning site Green=Tags(s)

MSYLKTTMEDEESSKKNENDSNADSQPCPSVGFHFKDHMQKSKTGDTCDLFPKWKILKEGKSSIREMIDTH  
 TNAANIKLEQDDEETSEKSFYPTNTMHQTIPTPEPCTKQGEHTENINGNVHPAHIADKKLHKDCGKSF  
 KYNSRLVQHKIMHTGEKRYECCDCRGTRFRSSSLRVHKRIHTGEKPYKDCGKAYMSYSSLINHKSTHS  
 GEKNCKDECGKSFNYSSVLDQHKRIHTGEKPYECGECGKAFRNSGLRVHKRIHTGEKPYECDTCGKTF  
 SNSSGLRVHKRIHTGEKPYECGKAFITCRTLLNHKSIHFQDKPYKDECEKSFNYSSLLIQHKVIHT  
 GEKPYECDECGKAFRNSGLIVHKRIHTGEKPYKCDICGKAFSYSSGLAVHKSIPGKKAHECKDCGKSF  
 SYNSSLQHKTIHTGERPYVCDVCGKTFRNNGLKVHRRLLHTGEKPYKCDVCGKAYISRSSLKNHKGIMH  
 GEKPYKCSYCEKSFNYSSALEQHKRIHTREKPFQDCGKAFRNNGLKVHKRIHTGERPYKCEECGKAY  
 ISLSSLINHKSVHPGKPFKDCCEKAFITYRTLLNHKKIHLGEKPYKCDVCEKSFNYTSLLSQHKRVHT  
 REKPFECDRCEKVFRRNSSLKVHKRIHTGEKPYECDICGKAYISHSSLINHKSTHPGKTSYTCDECGKAF  
 FSSRTLISHKRVHLGKPFKVECGKSFYSYSSLLSQHKRIHTGEKPYVCDWCGKAFRNSGLTVHKRIHT  
 GEKPYGDCCEKAYISHSSLINHKSVHRGKQPNCECGKSFNYRSVLDQHKRIHTGKKPYRCNDGKAFN  
 IRSNLTKHKRIHTGEESLNMANMESHSQTFQKMIYYEGNSLDGTRMQMPVWEAEHAKSQRNQIEEKLYE  
 YNNF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

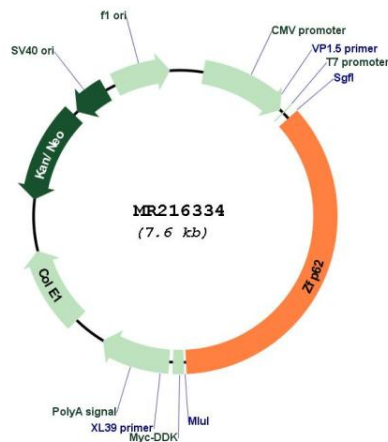


ACCN: NM\_009562

ORF Size: 2742 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\\_009562.3](#)
- RefSeq Size:** 3934 bp
- RefSeq ORF:** 2745 bp
- Locus ID:** 22720
- UniProt ID:** [Q8C827](#)
- Cytogenetics:** 11 29.23 cM
- MW:** 105.3 kDa
- Gene Summary:** May play a role in differentiating skeletal muscle.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR216334