

Product datasheet for **RC218166**

ZFP62 (NM_152283) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZFP62 (NM_152283) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZFP62
Synonyms:	ZET; ZNF755
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide
Sequence:

>RC218166 representing NM_152283
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCTGAATCTAAGGTTGGTGACACATGTGTTTGGGATAGCAAGGTAGAGAATCAACAGAAAAAGCCTG
TGGAAAAACAGGATGAAGGAGGACAAAAGCAGCATCAGGGAAGCAATCAGCAAAGCCAAGAGTACAGCAAA
TATAAAGACAGAACAGGAAGGTGAGGCATCTGAGAAGAGCTTGCATCTGAGCCCCACAGCATATCACACAC
CAGACTATGCCTATAGGACAGAGAGGCAGTGAGCAAGGCAAAACGTGTGGAGAACATTAATGGAACCTCCT
ACCCTAGTCTACAGCAGAAAACCAATGCTGTTAAGAAATTACATAAATGTGATGAATGTGGGAAATCCTT
CAAATATAATTCCCGCCTTGTTCAACATAAAAATTATGCACACTGGGGAAAAAGCGCTATGAATGTGATGAC
TGTGGAGGGACTTCCGGAGCAGCTCGAGCCTTCGGGTCCACAAACGGATCCACACTGGGGAGAAGCCGT
ACAAGTGTGAGGAATGTGGGAAAGCCTACATGTCTACTCCAGCCTTATAAACCACAAAAGCACCATTTC
TGGGGAGAAGAAGTGAATGTGATGAATGTGGAAAATCCTTCAATTATAGCTCTGTTCTGGACCAGCAT
AAAAGGATCCACACTGGGGAGAAGCCCTATGAATGTGGTGAAGTGTGGGAAAGCCCTTCAGGAACAGCTCTG
GGCTCAGAGTCCACAAAAGGATCCACACGGGGAGAAGCCCTATGAATGCGACATCTGTGGGAAAACCTT
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TGTGGGAAAGCCCTTCACTTGTGAGAACCTTCAACCATAAAAAGCATCCACTTTGGAGATAAACCTT
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AAAAGGATCCACACAGGAGAGAAAACCTTACAAGTGTGATGTCTGTGGCAAAGCATTGAGTATAGCTCAG
GCCTCGCAGTCCATAAAAAGCATTACCCCTGGGAAGAAAGCCCATGAATGTAAGGAGTGTGGGAAATCCTT
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TGTGGGAAAACGTTCAGAAAACATGCAGGCCTCAAAGTCCACAGGAGGCTCCATACTGGGAAAAACCAT
ATAAGTGTGATGTGTGGGAAAGCCTATATCTCACGCTTAGCCTTAAAAATCACAAAAGGAATCCACCT
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AAAAGGATTCATACCAGGAAAAACCTTTGGGTGTGATGAGTGTGGTAAAGCTTTCAGAAAATATTCTG
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CATCTCTCTCGAGCCTTATAAATCATAAAAAGTGTACACCCTGGGGAGAAGCCCTTAAAGTGTGACGAG
TGTGAGAAGGCCCTTCATCACATACCGAACCTTACAAACCACAAAAAGTTCATCTTGGGGAGAAGCCCT
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AAAAGAATCCATACTGGGGAGAGGCCCTATGAATGTGATGTGTGGAAAAGCCTACATCTCACACTCAA
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GGAAGTTATAGTGGCACATCCCAGAAGAGAACCTATGAGGGAGGGAAATGCCCTGGATGGGGCAGGATGA
GGATGCCTCTG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC218166 representing NM_152283
 Red=Cloning site Green=Tags(s)

MPESKVGDTCVWDSKVENQKKPVENRMKEDKSSIREAISKAKSTANIKTEQEGEASEKSLHLSPQHITH
 QTMPIGQRGSEQKRVENINGTSYPSLQQKTNAVKKLHKCDECGKSFKYNSRLVQHKIMHTGEKRYECD
 CGGTFRSSSLRVHKRIHTGEKPYKCEECGKAYMSYSSLINHKSTHSGEKNCKCDECGKSFNYSSVLDQH
 KRIHTGEKPYECGEGCAFRNSSGLRVHKRIHTGEKPYECDICGKTFSSNSGLRVHKRIHTGEKPYECDE
 CGKAFITCRTLLNHKSIHFQDKPYKCECEKSFNYSSLLIQHKVIHTGEKPYECDECGKAFRNSSGLIVH
 KRIHTGEKPYKCDVCGKAFSYSSGLAVHKSIHPGKKAHECKECCGKSFSYNSLLLQHRTIHTGERPYVCDV
 CGKTFRNAGLKVHRLHTGEKPYKCDVCGKAYISRSSLNKHKGIHLGEKPYKCSYCEKSFNYSSALEQH
 KRIHTREKPFQDECGKAFRNNSGLKVHKRIHTGERPYKCEECGKAYISLSSLINHKSVHPGKPFKQDE
 CEKAFITYRTLNHKKVHLGEKPYKCDVCEKSFNYTSLLSQHRRVHTREKPYECDRCEKVFRRNSSLKVH
 KRIHTGERPYECDVCGKAYISHSSLINHKSTHPGRTPTHTCDECGKAFFSSRTLISHKRVHLGEKPFKQVE
 CGKSFYSYSSLLSQHKRIHTGEKPYVCDRCGKAFRNSSGLTVHKRIHTGEKPYECDECGKAYISHSSLINH
 KSVHQKQYPNCECGKSFNYRSVLDQHKRIHTGKKPYRCNECGKAFNIRSNLTKHKRTHTGEEESLNIYV
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

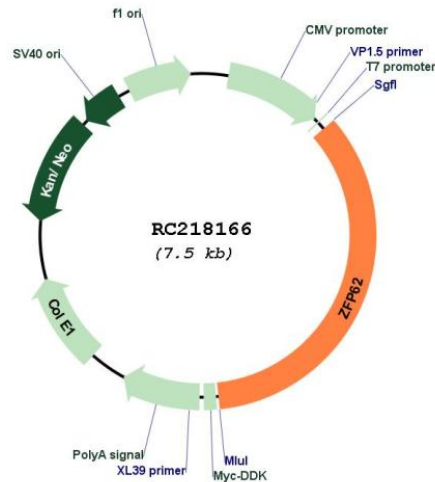
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_152283

ORF Size: 2601 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_152283.5](#)

RefSeq Size: 4037 bp

RefSeq ORF: 2604 bp

Locus ID: 643836

UniProt ID: [Q8NB50](#)

Cytogenetics: 5q35.3

Domains: zf-C2H2

MW: 98.8 kDa

Gene Summary: May play a role in differentiating skeletal muscle.[UniProtKB/Swiss-Prot Function]