

Product datasheet for **RC238041**

ZNF3 (NM_001278291) Human Tagged ORF Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | ZNF3 (NM_001278291) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | ZNF3 |
| Synonyms: | A8-51; HF.12; KOX25; PP838; Zfp113 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |
| ORF Nucleotide Sequence: | >RC238041 representing NM_001278291 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTTGGCGGCTGCGCTCCTAAAGGCCAAGTCCCAGGAGCTGGTAACCTTTGAGGATGTAGCTGTGTACT
TCATCCGGAAGGAGTGAAGCGTTTGAACCTGCTCAGAGGGACCTCTATAGAGATGTGATGCTGGAGAA
TTACGGGAATGTGTTCTCACTGGATCGTGAGACCAGGACTGAAAAATGATCAAGAAATTTCTGAAGACACA
AGATCACATGGGGTCTACTGGGAAGATTTCAAAGGATATTTCTCAGGGTCTCAAGTTTAAAGAAGCCT
ATGAACGAGAAGTCAGTCTGAAAAGGCCCTGGGGAACCTCCCCTGGAGAAAGACTGAACAGGAAAATGCC
AGATTTTGGTCAAGTGACAGTTGAGGAGAAGCTAACCCCAAGGGAGAGAGAAGCGAGAAATATAATGAT
TTTGGGAACAGCTTCACTGTGAATTCACCTTATCTCACATCAGAGACTCCCCTGGGAGACAGACCCC
ATAAGTGTGATGAATGTAGCAAGAGCTTAATCGAACTTCAGACCTTATTCAACATCAGAGAATCCACAC
TGGGAAAAGCCCTATGAATGTAATGAGTGTGGGAAGGCCTTCAGCCAGAGCTCACACCTTATTCAGCAT
CAGAGAATCCACACTGGGAAAAACCTTATGAATGTAGTATTGGGAAAACCTTCAGCTGTAGCTCTG
CCCTCATTCTGCATCGGAGGATCCACAGGGGAGAAAACCTTATGAATGTAATGAGTGTGGGAAGACCT
CAGCTGGAGTCCACCCTCACCCACCATCAGAGAATCCACACTGGTGGAGAAACCCTACGCCTGCAATGAA
TGTGGGAAGCCCTTCAGCAGGAGCTCAACCCTTATTCACCATCAGAGAATCCACACTGGAGAAAAACCT
ATGAATGTAATGAATGTGGGAAAGCCTTCAGCCAGAGCTCACACCTCTATCAGCACCAGAGAATCCACAC
TGGAGAGAAGCCCTACGAATGTATGGAATGTGGAGGAAAGTTTACCTACAGTTCAGGCCTTATTCAGCAT
CAAAGAATCCACACCGGGGAGAACCCCTATGAATGTAGTGTGGGAAAGCCTTCAGGTACAGCTCGG
CTCTTGTTCGCCATCAGAGAATTCACACTGGAGAGAAGCCTTTGAATGGGATCGGCATGAGCAAAAGCTC
CCTCAGAGTTACGACCGAGTTAAATATCAGAGAGTCCACG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC238041 representing NM_001278291
Red=Cloning site Green=Tags(s)

MLAAALLKAKSQELVTFEDVAVYFIRKEWKRLPAQRDLYRDVMLENYGNVFSLDRETRTENDQEISED
 RSHGVLGRFQKDISQGLKFKEAYEREVSLKRPLGNSPGERLNRKMPDFGQVTVEEKLTPRGERSEKYND
 FGNSFTVNSNLIHQRLPVGDRPHKCDCECSKSFNRTSDLIQHQRHTGEKPYECNECGKAFSQSSHLIQH
 QRIHTGEKPYECSDCGKTFSCSSALILHRRHTGEKPYECNECGKTF SWSSTLTHHQRIHTGEKPYACNE
 CGKAFSRSSSTLIHQRIHTGEKPYECNECGKAFSQSSHL YQHQRHTGEKPYECMECGGKFTYSSGLIQH
 QRIHTGENPYECSECGKAFRYSSALVRHQRIHTGEKPLNGIGMSKSSLRVTTELNIREST

TRTRPLEQKLISEEDLANDILDYKDDDDKV

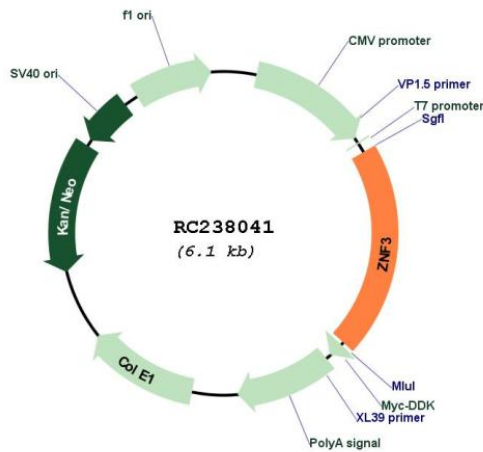
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001278291

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|-------------------------------|---|
| ORF Size: | 1230 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: | <ol style="list-style-type: none">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_001278291.2 |
| RefSeq Size: | 2605 bp |
| RefSeq ORF: | 1233 bp |
| Locus ID: | 7551 |
| Cytogenetics: | 7q22.1 |
| Protein Families: | Transcription Factors |
| MW: | 47.6 kDa |
| Gene Summary: | Involved in cell differentiation and/or proliferation.[UniProtKB/Swiss-Prot Function] |