

Product datasheet for **RC238280**

ZNF3 (NM_001278290) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF3 (NM_001278290) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF3
Synonyms:	A8-51; HF.12; KOX25; PP838; Zfp113
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC238280 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAACTCAGGCTGATCTCGTATCTCAGGAACCTCAGGCCCTGCTTGACAGTGTCTTCTTCAAAG
 TTCCTGCCTTTCCGACAAGGACAGCCTGGGGATGAGATGTTGGCGGCTGCGCTCTAAAGCCAAGTC
 CCAGGAGCTGGTAACTTTGAGGATGTAGCTGTGTAATCATCCGGAAGGAGTGAAGCGTTTGGAACT
 GCTCAGAGGGACCTCTATAGAGATGTGATGCTGGAGAATTACGGGAATGTGTTCTCACTGGATCGTGAGA
 CCAGGACTGAAAATGATCAAGAAATTTCTGAAGACACAAGATCACATGGGGTCTACTGGGAAGATTTCA
 AAAGGATATTTCTCAGGGTCTCAAGTTTAAAGAAGCCTATGAACGAGAAGTCAGTCTGAAAAGGCCGCTG
 GGGAACTCCCCTGGAGAAAGACTGAACAGGAAAATGCCAGATTTTGGTCAAGTGACAGTTGAGGAGAAGC
 TAACCCCAAGGGAGAGAGAAGCGAGAAAATAATGATTTTGGGAACAGCTTCACTGTGAATCCAACCT
 TATCTCACATCAGAGACTCCCCGTGGGAGACAGACCCCATAGTGTGATGAATGTAGCAAGAGCTTAAAT
 CGAACTTCAGACCTTATTCAACATCAGAGAATCCACACTGGGGAAAAGCCCTATGAATGTAATGAGTGTG
 GGAAGGCCTTCAGCCAGAGCTCACACCTTATTCAGCATCAGAGAATCCACACTGGGGAAAACCTTATGA
 ATGTAGTGATTGTGGAAAACCTTCAGCTGTAGCTCTGCCCTATTCTGCATCGGAGGATCCACACGGGG
 GAGAAAACCTATGAATGTAATGAGTGTGGGAAGACCTTCAGCTGGAGCTCCACCCACCCACCATCAGA
 GAATCCACACTGGTGAGAAAACCTACGCCTGCAATGAATGTGGGAAGGCCTTCAGCAGGAGCTCAACCT
 TATTCACCATCAGAGAATCCACACTGGAGAAAACCTATGAATGTAATGAATGTGGGAAGGCCTTCAGC
 CAGAGCTCACACCTCTATCAGCACCAGAGAATCCACACTGGAGAGAAGCCCTACGAATGTATGGAATGTG
 GAGGAAAGTTTACCTACAGTTACGGCCTTATTCAGCATCAAAGAATCCACACCGGGGAGAACCCCTATGA
 ATGTAGTGAGTGTGGGAAGGCCTTCAGGTACAGCTCGGCTCTTGTTCGCCATCAGAGAATTCACACTGGA
 GAGAAGCCTTTGAATGGGATCGGCATGAGCAAAAGCTCCCTCAGAGTTACGACCGAGTTAAATATCAGAG
 AGTCCACG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238280 protein sequence
 Red=Cloning site Green=Tags(s)

METQADLVSQEPQALLDSALPSKVPAFSDKDSLGDMLAAALLKAKSQELVTFEDVAVYFIRKEWKRLP
 AQRDLYRDVMLENYGNVFLDRETRTENDQEISEDTRSHGVLGRFQKDISQGLKFKAEYEREVSLKRPL
 GNSPGERLNRKMPDFGQVTVEEKLTPRGERSEKYNDFGNSFTVNSNLISHQRLPVGDRPHKCECKSFN
 RTSDLIQHQRIHTGEKPYECNECGKAFSQSSHLIQHQRIHTGEKPYECSDCGKTFSCSSALILHRRITG
 EKPYEKNECGKTFSSSTLTHHQRIHTGEKPYACNECGKAFSRSSSTLIHQRIHTGEKPYECNECGKAFS
 QSSHLIQHQRIHTGEKPYECMECGKFTYSSGLIQHQRIHTGENPYECSECGKAFRYSSALVRHQRIHTG
 EKPLNGIGMSKSSLRVTTELNIEST

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6304_c03.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001278290

ORF Size: 1338 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_001278290.1](#), [NP_001265219.1](#)

RefSeq Size: 2736 bp

RefSeq ORF: 1341 bp

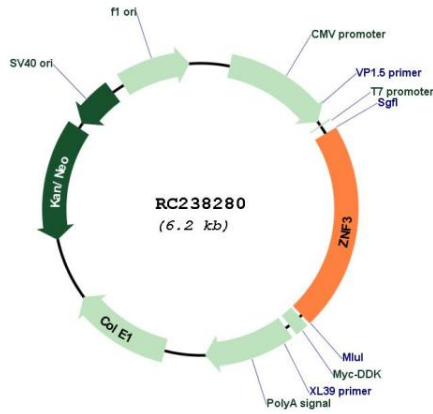
Locus ID: 7551

UniProt ID: [P17036](#)

Cytogenetics: 7q22.1

Protein Families: Transcription Factors
 MW: 50.9 kDa
 Gene Summary: Involved in cell differentiation and/or proliferation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC238280