

Product datasheet for **RC237382**

ZNF566 (NM_001300970) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF566 (NM_001300970) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF566
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC237382 representing NM_001300970 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAAACTCACAAGACGTGATTTTCAGTGCTCCAGTTTCAGAGATGATTGGGAATGTAATCGGCAGT
TTAAGAAAGAATCGGCTCTCAGGGGGACATTTCAATCAATTGGTATTCACCTCATGAAGATCTGCCAC
TTTGAGTCACCATCCATCCTTCACATTACAGCAAATCATTAAACAGTAAAAAGAAATCTGTGCATCTAAA
GAATATAGGAAAACCTTTAGACATGGCTCACAGTTTGCTACACATGAGATAATTCATACCATTGAGAAGC
CTTATGAATGTAAGGAATGTGGAAGTCCTTTAGACATCCCTCAAGACTCACTCATCATCAGAAAATTCA
TACTGGCAAGAAACCTTTGAATGTAAGGAATGTGAAAAACCTTTATTTGTGGCTCAGACCTTACTCGA
CATCACAGAATTCACACTGGTGAGAAACCTATGAATGTAAGGAATGTGGGAAAGCCTTTAGTAGTGTT
CAAATTCACCTCGACATCAGAGAATTCACACAGGTGAGAAGCCTTATGAATGCAAAGAATGCGGGAAGGC
CTTTAGTAGTGCTCAAATTTACTCAACATCAGAGAATTCATACTGGGAAAAACCTATGAATGTAAG
GAATGTGGCAATGCCTTTAGTCAGAGCTCACAACTTATTAACATCAAAGAATCCATACAGGTGAGAAAC
CTTACGAATGTAAGGAATGTGAAAAGGCTTTTCGTTCTGGCTCAGACCTTACTAGACATCAGAGAATTCA
TACTGGGAGAAAACCTATGAATGTAAGATATGTGGGAAGGCTTATTCTCAGAGTTCACAGCTTATTAGT
CATCATAGAATTCATACTAGTGAGAAAACCTATGAATATAGGGAATGTGGAAGAAGCTTTAATTATGACC
CACAACCTATTTCAGCATCAAAATTTGTACTGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC237382 representing NM_001300970
 Red=Cloning site Green=Tags(s)

MEKLTRRDFQCSSFRRDDWECNRQFKKELGSQGGHFNQLVFTHEDLPTLSHHPSTLQQIINSKKKFCASK
 EYRKTFRHGSQFATHEIIHTIEKPYECKEKGKFRHPSRLTHHQIHTGKKPFECKEKGKTFICGSDLTR
 HHRHTGEKPYECKEKGKAFSSGSNFRHQRIHTGEKPYECKEKGKAFSSGSNFTQHRIHTGEKPYECK
 ECGNAFSQSSQLIKHQRIHTGEKPYECKEKEKAFRSGSDLTRHQRIHTGEKPYECKICGKAYSQSSQLIS
 HHRHTSEKPYEYRECGKNFNYPQLIQHQLYW

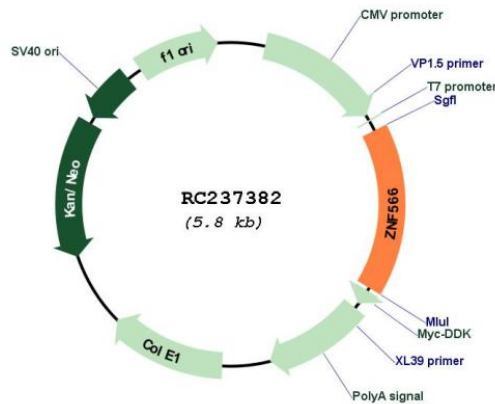
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001300970

ORF Size:	942 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_001300970.2
RefSeq Size:	5485 bp
RefSeq ORF:	945 bp
Locus ID:	84924
UniProt ID:	Q969W8
Cytogenetics:	19q13.12
Protein Families:	Transcription Factors
MW:	37.3 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]