

Product datasheet for **RR212958**

Zdhhc16 (NM_001039346) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zdhhc16 (NM_001039346) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Zdhhc16
Synonyms: MGC156465
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR212958 representing NM_001039346
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCGGGGCCAGCGAAGTCTGCTGTTGGGCCAGCAGCCTCTGCCTGCGTCTCCTTCTGCTCTGGGCT
ACCGGCGTCGATGCCACCTCTGCTCCGGGCCGGTACAGCGCTGGCGTTATGGCAAGGTTTCCTGCTGCG
CTCCCTGCTCTACAATTCCTTTGGGGCAGTGACACTGCTGTGCGATGCTGCCTTTGAGCCTGTCTACTGG
CTGGTGGACAATGTGATCCGCTGGTTCGGAGTGGTGTGGTGTGCTGGTATCGTCTGCTGACCGGGTCCA
TTGTGGCCATTGCTTATCTGTGTCTCACCCCTCATCTGCGAACCTATTCCGGTACCACGGCTCTGCTG
GCATTTCTTCTACAGTCACTGGAATCTGATCCTCATCGTCTTCCATTACTACCAGCCATCACCCTCT
CCTGGATACCCACCCAGGGCAGGAATGACATTGCTACTGTCTCCATCTGTAAGAAGTGCAATTTACCCTA
AGCCAGCACGAACACACCACTGCAGCATCTGTAATAGGTGTGTGCTGAAGATGGATCACCCTGCCCTG
GCTAAACAATTGGTGGGCCACTATAACCATCGTACTTCTTCTTTCTGCTTCTTCATGACTCTGGGC
TGTGTCTACTGTAGTACGGAAGTTGGGACCTTTCCGGGAGGCTTATGCTGCCATCGAGACATACCACC
AGACTCCACCACCTACCTTCTCCTTTCCGAAAAGGATTACTACAAGAGTCTTGTCTACCTCTGGTTCCT
GTGCAGTTCGTGGCCCTGGCCCTGGGTGCCCTAACCATGTTGCATGCTGTCTCATAGCCCGGGTGGAG
ACTAGCATCGAAAAGGCATATCAACAAGAAGGAGAGACGCCGGCTACAGGCCAAGGGCAGAGTGTAAAGGA
ATCCTTACAACACTACGGCTGCTTGGACAACCTGGAAGGTGTTCTAGGTGTGGACACAGGAAGGCATTGGCT
GACCCGGGTGCTGTTACCTTCTAGTCACCTGCCTCATGGGAATGGGATGAGCTGGGATCCTCCTCCCTGG
GTGACTGCTCACTCAGCCTCTGTGATGGCCGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR212958 representing NM_001039346
 Red=Cloning site Green=Tags(s)

MRGQRSLLLGPARLCLRLLLLGYRRRCPLLRGLVQRWRYGKVCRLSLLYNSFGGSDTAVDAAFEFVYWLVDNVIWFGVVFVVLVIVLTGSIVAIAYLCVLPILRTYSVPRLCWHFFYSHWNLILIVFHYQAITTPGYPYQGRNDIATVSICKKCIYKPKPARTHHCSICNRCVLKMDHHCPLNNCVGHYNHRYFFSFCFFMTLGCYVCSYGSWDLFREAYAAIETYHQTPPTFSFRERITHKSLVYLWFLCSSVALALGALTMLHAVLISPGETSIERHINKERRRLQAKGRVFRNPYNYGCLDNWKVFLGVDTGRHWLTRVLLPSSHLPHGNGMSWDPPPVVTAHSASVMAV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

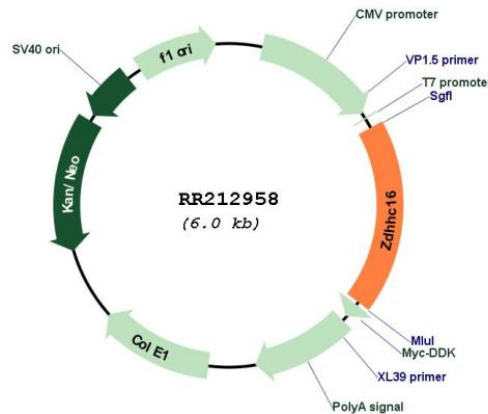
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001039346

ORF Size:	1083 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_001039346.1 , NP_001034435.1
RefSeq Size:	1822 bp
RefSeq ORF:	1086 bp
Locus ID:	654495
Cytogenetics:	1q54
MW:	41.7 kDa