

Product datasheet for **RR206259**

Zdhhc19 (NM_001039259) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zdhhc19 (NM_001039259) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zdhhc19
Synonyms:	RGD1560310
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR206259 representing NM_001039259 Red =Cloning site Blue =ORF Green =Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGACGTCTCATCCCCTACCTGATGACGCTGTGACCCCTGTGAAGGAACCACAACAGCTGCCGAGATCC
 CTCTTTCATGGTTCTTCCCGAGCCTGTTTGCTGCCTTCAATGTATCTCTGCTGGTGTCTTGAGTGGCCT
 TTTCTTCGGATTTCCTTGTAGGTGGCTGGTTCAGAACGGGGAGTGGGTCTTCCCGCGGTACAGGACCA
 CTCTTCATCCTCACCTTCTTCAGTCTCGTCTCGCTCAATTTCTCAGACCCGGGTATCTTACATCGAGGCT
 CCGTCAGTGAGGATCCCAGGACCGTGCATGTGGTGCAGTGAACCAAAGGGCTTTCGGCCTGGAATGGTG
 CCCAAAGTGCCTCTTCCATCGCCCCGCCGTACCTACCACTGCCATGGTGCAACATTTGTGTGAGGAC
 TTTGACCACCATTGCAAATGGGTCAACAACTGCATCGGTACCGCAACTTCCGCCTCTTCGTGCTGCTGA
 TCCTGTTCTCTGTCTCTACTCTGGAGCCCTGCTGGTCACCTGCCTGATGTTCTAATTCACACGAGCCA
 TCTGCCCTTCTCCCTGGACAAGGCGATGGCCATCCTGGTGGCTGTGCCGCTGCGGGCTTCTGATTCCA
 CTCTTCTGTGATGCTGATCCAGGCCCTATCTGTGAGCAGGGCGGAGCGCTCCTACGAGAGCAAGTGCA
 GGGACCATGAGGAATACAACCCCTTTGACCAGGGCTTTGCCAAGAACTGGTATCTAACAATGTGTGCACC
 ACTGGGTCCCAATTACATGTCTGAAGTTGTCTGTCTGCAAAGACCGGTGGGGACAGAACAATCCAGGAG
 AAGACTAAACACCCACCACCGTGTCTCCCAAACCTTTGTGCCAGGTCATCCTGGGCCACAGATCCAAC
 CTCGGCACACAGAGGGAAGGGACCCCAAGGAGTGCGAGGCTGCAGCTCTCCAGGAGATGAGAAAGCCT
 ACCTGCATCTGTGAAAAGTCCCAGGAGGTCCACGCCAACCCATGGCTGAATCTGCTGATGAGGCTCAC
 CCCGTACTCACAGAGCCAGGACCACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >RR206259 representing NM_001039259
 Red=Cloning site Green=Tags(s)

MTSHPLPDDAVTPVKEPQQLPEIPLSWFFPSLFAAFNVSLLVFLSGLFFGFPCRWLQNGEWVFPVAVTGP
 LFILTFSLVSLNFSDPGILHRGSVSEDPRTVHVVRVNRQAFRLWCPCFLFHRPPRTYHCPWCNICVED
 FDHHCKWVNNCIGHRNFRFLVLLILFLCLYSGALLVTCLMFLIHTSHLPFLSLDKAMAILVAVPAAGFLIP
 LFLMLIQALSVSRAERSYESKCRDHEEYNPFQDGFKNWYLTMCAPLGPNYMSEVVCLQRPVGTERIQE
 KTKHPPPCPPKPCGPHPGPIQPRHTRGKGPPGSGEAAALQEMRSLPASVEKSPGGPRQPMASADEAH
 PGTHRARTT

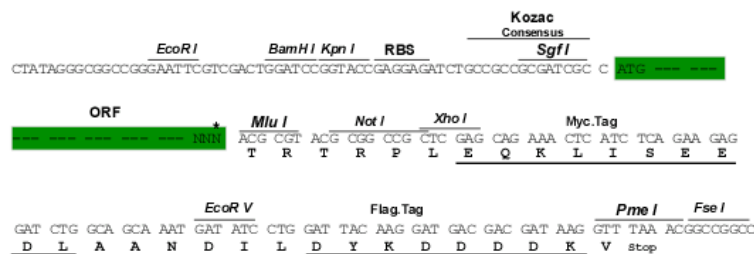
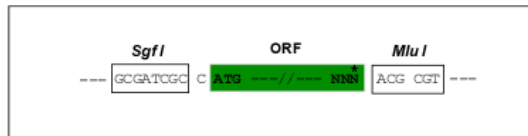
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001039259

ORF Size: 1077 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_001039259.1, NP_001034348.1

RefSeq Size: 1538 bp

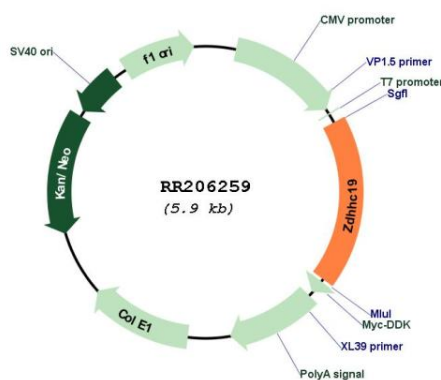
RefSeq ORF: 1080 bp

Locus ID: 288045

Cytogenetics: 11q22

MW: 40.3 kDa

Product images:



Circular map for RR206259