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Product datasheet for RR205221

Zdhhc8 (NM_001039021) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zdhhc8 (NM_001039021) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zdhhc8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

ORF Nucleotide Sequence:

>RR205221 representing NM_001039021
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCCCGCAGCCCCGGGACGCGCCTCAAACCCGCCAAGTACATCCCGGTGGCCACGGCCGCGGCGCTGT
TGGTTGGCTCCAGCACCCTCTTCTTCGTATTCACGTGCCCGTGGTTGACAAGAGCTGTCTCTCCAGCTAT
TCCTGTCTACAATGGCATCCTCTTCCTCTTTGTCCTGGCCAACTTCAGTATGGCTACCTTCATGGACCCC
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GTCACCCGGGGACGCACCACCAATGAGCAGGTGACTGGGAAGTTCCGCGGGGGTGTGAATCCCTTCACCC
GAGGCTGCTATGGGAACGTGGAGCACGTGTTATGCAGTCCCCTGGCGCCCCGGTATGTGGTGGAAGCTCC
CAGGATGCCACTCTCAGTGAGCCTAAAGCCACCCTTCCTGAGGCCTGAGCTCCTGGAACGAGCTGTGCCC
CTCAAGGTCAAACTCAGCGACAATGGGCTGAAAGCTGGCCGCAGCAAGTCTAAGGGCAGTCTAGACCAGC
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GCCATGTATAAGTTCCGGCCAGCCTTCTCCACTGCTCCCAAGACACCCTTTTGTGGACCTAGTGAGCAGG
TCCCAGGCCCTGACTCCCTCACTCTGGCCGATGACAGCACCCACAGTCTAGACTTTGTATCAGAGCCCAG
CCTGGATCTCCCAGACCATGGGCCTGGTGGTCTGCATCCTACCTACCCTCCCTCCCCACCCCTCAGTGCC
ACTGATGCCTTCTCAGGTGCCTTACGCTCCCTGAGTCTCAAGGCTGCCAGTCGGCGGGGTGGGGACCACA
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GACCCCGGCCTGGCAGTGGTTCACACAGGTCACCTGCCCGTCAGGGCCTGCCTTCCCCACCAGGCACCCC
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TCACTGGCTATGCAGAGGGATCACCCTCAGCTGAAGACCCCCCCAAGTAAGCTTAACGGTCAGTCCCCGG
GCATGGCCCGGCTGGGGCCTGCTGCCAGCCCCATGGGGCCCAACGCCAGCCCTGCCCGGCACACGCTGGT
TAAGAAGGTGTCCGGCGTGGGTGGGACTACGTACGAAATCTCGGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

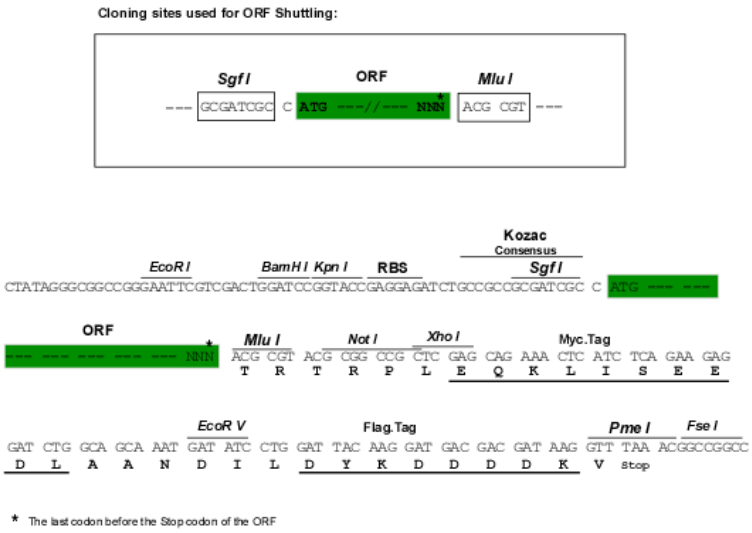
>RR205221 representing NM_001039021
Red=Cloning site Green=Tags(s)

MPRSPGTRLKPAKYIPVATAAALLVGSSTLFFVFTCPWLTRAVSPAIPVYNGILFLFVLANFSMATFMDP
GVFPRADEDEDKEDDFRAPLYKNVDVRGIQVRMKWCATCHFYRPPRCSHCSVCDNCVEDFDHHCPWVNNC
IGRRNYRYFFLFLLSLSAHMVGVVAFGLLYVLNHSEGLGAAHTTITMAVMCVAGLFFIPVIGLTGFHVVL
VTRGRTTNEQVTGKFRGGVNPFTRGCYGNVEHVLCSPLAPRYVVEAPRMPLSVSLKPPFLRPELLERAVP
LKVKLSDNGLKAGRSKSKGSLDQLDEKPLDLGPPLPPKMEAGTFGRDLKTPRPGSAESALSVQRTSPPTP
AMYKFRPAFSTAPKTPFCGPSEQVPGPDSLTLADDSTHSLDFVSEPSLDLPDHGPGGLHPTYPPSPPLSA
TDAFSGALRSLSLKAASRRGGDHMTLQPLRSEGGPPTPHRGLFAPHALPNRNGSLSYDSLLNPGSPSGHA
CPTHPSVGMAGYHSPYLHPGPSDPPRPPPRSFSPVLGPRPREPSPVRYDNLSRTIMASIQERKDREERER
LLRSQTDSLFGDSGVYDTPSSYSLQQASVLTEGPRGSVLRYGSRDDLVAGPGFGGARNPALQTSLSSLSS
SMSRAPRTSSSSLQADQANNNAPGPRPGSGSHRSPARQGLPSPPGTPRSPSYSGSKAVAFIHTDLPDRQP
SLAMQRDHPQLKTPPSKLNGQSPGMARLGPAASPMGPNASPARHTLVKKVSGVGGTTYEISV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001039021

ORF Size: 2286 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_001039021.2, NP_001034110.1

RefSeq Size: 3386 bp

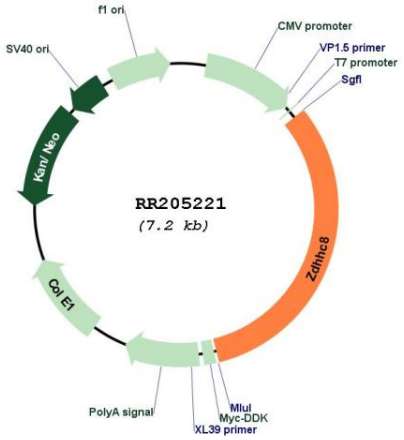
RefSeq ORF: 2289 bp

Locus ID: 303796

Cytogenetics: 11q23

MW: 81.9 kDa

Product images:



Circular map for RR205221