

Product datasheet for **RR210525**

Zdhhc20 (NM_001039336) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zdhhc20 (NM_001039336) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zdhhc20
Synonyms:	RGD1305755
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR210525 representing NM_001039336 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGCGCCCTGGACACTCTGGCGCTGCTGCCAACGCGTAGTGGGCTGGGTTCCGGTGCTTTCATCACCT
TTGTGGTCGTCTGGTCTACTACGCGTACGTGGTGGAGCTGTGCGTGAGTACTGTTCCAGAACAGGAGA
AAAAGGAAAGACCGTTGTTTACCTTGTGGCTTCCATCTGTTCTTTGTTATGTTGTATGGTCTATTGG
ATGACAATTTTCACATCTCCCGCTAGCCCTCCAAGAGTTCTACTTGTCAAACCTCTGAGAAGGAACGTT
ATGAGAAGGAATTCAGCCAAGAAAGACAGCAAGACATTTTGAGAAGAGCAGCAAGAGACTTGCCTGTCTA
CACCACGTCAGCTTCAAAGCTATCCGATATTGTGAAAAATGTCAGTTGATTAACCTGACCGGGCCCAT
CACTGCTCAGCATGTGACAGATGTGTTCTTAAGATGGATCATCACTGTCCATGGGTGAATAACTGTGTGG
GATTTACTAATTACAAGTTCTTCATGCTGTTTTTGTGTTATTCTCTGCTGATTGCCTTTTCGTGGCTGC
AACAGTTTTAGAGTATTTATAAAATTTGGACGAATGAACCAACAGTTTTAACGTTCCCGAGCGCAAAG
TTCCCGAGCGCAAAGTCCATGTTCTGTTCTGTTCTTTGTGTCTGCAATGTTCTTCGTCAGTGTGCTTT
CACTGTTTCAGCTACCATTGCTGGTTGGTTGAAAAATAGAATCATTTTCGTGCACCTATGTTTTCTTATGG
AATAGATGGAATGGTTTCTCTCTTGGATGCAGTAAAAATTGGCGACAAGTCTTTGGTGATGAAAAGAAA
TATTGGCTAGTTCCAATATTTCAAGCTTGGGTGATGTTGCAAGTTTTCCAACCTCGCCTTGTGGGATGG
ATCCAGAACAGCGTCTATTGCAAACAGGGTGAATACATCAGAAGTATTGGCTCAAATCAACCTTTTCC
TATCAAACCACTTAGTGAGTCAAAAACCGTTTGTGGACAGTGAATCTCAGTGGCTAGAGAATGGAGCT
GAGGAAGGAATCACCAAATCAGGGACAAATAACCATGTTACAGTGGAATAGAAAAT

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

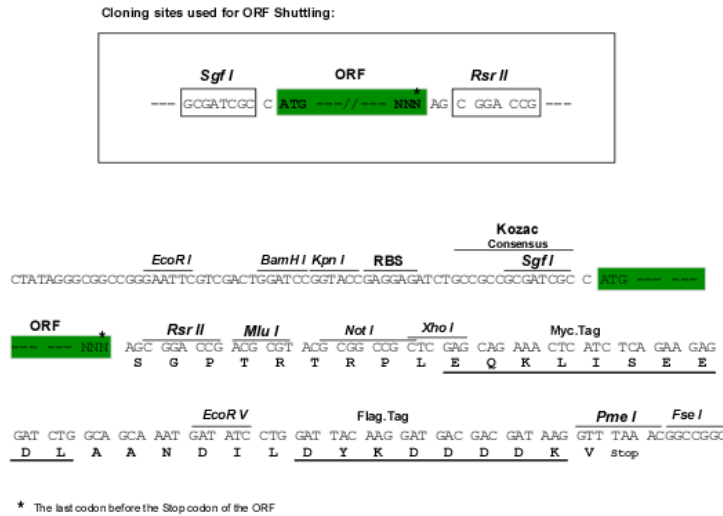
Protein Sequence: >RR210525 representing NM_001039336
 Red=Cloning site Green=Tags(s)

MAPWTLWRCCQRVVGWPVLFITFVVVWSYAYVVELCVSTVSRTEGKGTVVVYLVAFHLLFFVMFVWSYW
 MTIFTPSPSPSKEFYLSNSEKERYEKEFSQERQQDILRRAARDLPVYTTASKAIRYCEKCQLIKPDRAH
 HCSACDRCLKMDHHCWPVWNNVCVGFNTYKFFMLFLLYLLYCLFVAATVLEYFIKFWTNEPTVLTFP
 SAKFHVLFLLFFVSAMFFVSVLSLFSYHCWLVGKIESFRAPMF SYGIDGNFSLGCSKNWRQVFGDEKK
 YWLVPFSSLDGDCSFPTRLVGMDEQASIANQGEYIRSIGSNQPFPIKPLSESKNRLDSESQWLENGA
 EEGITKSGTNNHVTVEIEN

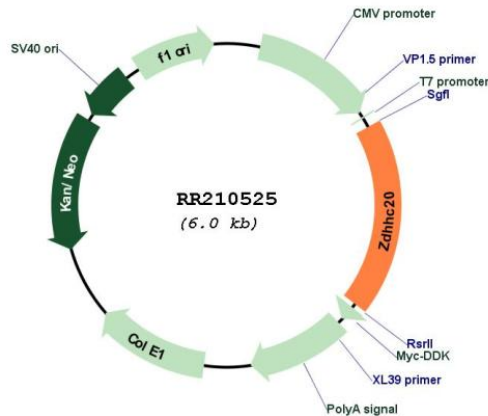
SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_001039336

ORF Size:	1107 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_001039336.1 , NP_001034425.1
RefSeq Size:	1912 bp
RefSeq ORF:	1110 bp
Locus ID:	305923
Cytogenetics:	15p12
MW:	42.6 kDa