

Product datasheet for RR216560

Dhh (NM_053367) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Dhh (NM_053367) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Dhh
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR216560 representing NM_053367
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCTCTGCCAGCCAGTCTGTTGCCCTGTGCTGCTTGGCACTCCTGGCACTATCTGTCCAGAGCTGCC
 GGCCAGGCCGAGGACCGTTGGCCGGCGGCTTACGTGCGCAAGCAACTTGTGCCTCTGCTCTACAAGCA
 GTTTGTGCTAGTATGCCCGAGCGGACCTTGGCGCGAGTGGCCAGCGGAGGGGAGGTAACAAGGGGG
 TCGGAGCGCTTCCGGGACCTCGTCCCAACTACAACCCGACATAATCTTCAAGGATGAGGAGAACAGCG
 GCGCTGACCGCCTGATGACAGAGCGTTGCAAAGAGCGGGTGAATGCTCTAGCCATCGCGGTGATGAACAT
 GTGGCCCGGAGTACGCTACGCGTGACTGAAGTTGGGACGAGGATGGCCACCACGCACAGGACTCACTG
 CACTACGAAGGCCGTGCCCTGGACATCACCACGTCTGACCGTGACCGTAATAAGTATGGTTTGTGGCGC
 GCCTAGCAGTGAAGCCGATTGACTGGGTCTACTACGAGTCCCGCAACCACATCCACGTGTCGGTCAA
 AGCTGATAACTCATTGGCGGTCCGAGCCGAGGCTGCTTCCGGGAAATGCCACGGTGCCTTGGCGAGC
 GGCGAACGGAAGGGGCTGAGGAACTCCATCGTGGTACTGGGTACTGGCCGCTGATGCAGCGGGCCGAG
 TGGTACCCAGCCGGTGTGCTTCTCTGGACCGGACCTGCAGCGCCGCGCCTCGTTCTGCTGTGGA
 GACCGAGCGGCCACCGCGAAACTGTTGCTCACACCCTGGCATCTGGTGTTCGCCGCTCGGGGGCCAGCG
 CCTGCTCCAGGTGACTTTGCACCGGTGTTGCGCGCCGCTTACGCGCTGGGGACTCGGTACTGGCTCCCG
 GCGGGGACGCGCTCCGGCCTGCGCGCGTAGCCCGGTGGCGCGGAGGAAGCCGTGGGCGTGTTCGACC
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 CAGTGGGCCCACCGCGCTTTGCTCCTTTGCGTTTGTGTCACGCGCTCGGGGCGCTGCTCCCGGGGGTG
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 TTACAAGGATGACGACGATAAGGTTTAA



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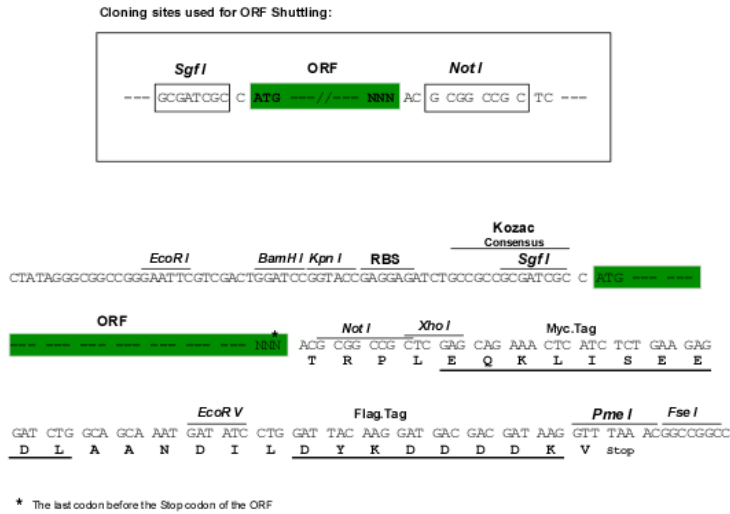
Protein Sequence: >RR216560 representing NM_053367
 Red=Cloning site Green=Tags(s)

MALPASLLPLCCLALLALSVQSCGPGRGPVGRRRYVRKQLVPLL YKQFVPSMPERTLGASGPAEGRVTRG
 SERFRDLVPNYNPDIIIFKDEENSGADRLMTERCKERVNALIAVMMWPGVRLRVTEGWDEGHHAQDSL
 HYEGRALDITTSDDRNRKYGLLARLAVEAGFDWVYYE SRNHIHVSVKADNSLAVRAGGCFFGNATVRLRS
 GERKGLRELHRGDWVLAADAAGRVPVPTPVLLFLDRDLQRRASFVAVETERPPRKL LLLTPWHLVFAARGPA
 PAPGDFAPVFAARRLAGDSV LAPGGDALRPARVARVAREEAVGVFAPLTAHGTL LVNDVLASCYAVLESH
 QWAHRAFAPLRLLHALGALLPGGAVQPTGMHWYSRLLYRLAEELMG

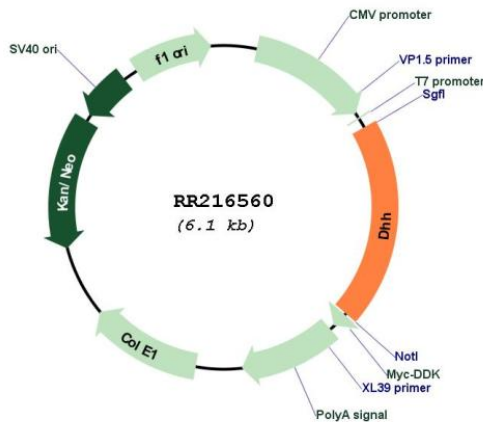
TRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-NotI

Cloning Scheme:



Plasmid Map:



ACCN: NM_053367

ORF Size:	1188 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_053367.1 , NP_445819.1
RefSeq Size:	2479 bp
RefSeq ORF:	1191 bp
Locus ID:	84380
Cytogenetics:	7q36
MW:	43.6 kDa
Gene Summary:	may play a role in regulation of insulin production; may be involved in neuronal differentiation [RGD, Feb 2006]