

Product datasheet for **RR206064**

Dhdds (NM_001011978) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dhdds (NM_001011978) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Dhdds
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR206064 representing NM_001011978
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCATGGATCAAAGAAGGAGAGCTGTCACTTTGGGAACGGTCTGTGCCAATATCATAAAGTTGGCC
CAGTGCCCAAACACATTGCATTCATAATGGATGGCAACCGTCGCTATGCCAAGAAGTGCCAGGTGGAGCG
ACAGGAGGGCCACACACAGGGCTTCAATAAGCTTGCTGAGACTCTGCGCTGGTGTGTTGAACCTGGGCATC
CTAGAAGTGACTGTCTATGCGTTTCAGCATTGAGAACTTCAAACGTTCCAAGAGTGAGGTTGACGGGCTCC
TGGATCTAGCCCACAGAAAGTTCAGCTGCTTGATGGAAGAACAGGAGAAGCTGAAGAAGCATGGGGTGTG
CATCCGAGTCCTGGGCGATCTGCACCTGCTGCCCTTGGACCTCCAGAAGAAGATTGCACAGGCTGTCCAG
GCTACCAAGAACTACAACAAGTGTTCCTCAACGTCTGCTTTGCATACACGTACAGTCACGATCACCA
ATGCCGTGAGAGAGATGGCCTGGGGTGTGGAACAAGTCTGCTGGAACCCAGTGATGTTCCGAGTCTCT
GCTTGATCAGTGCCTCTATAGCAACCACTCTCCTCAGCCCACATCTTGATTCGGACTTCCGGGGAAGTG
CGGCTCAGTGACTTCTTGCTCTGGCAGACCTCCCACTCCTGCCTCGTGTCCAGCCTGCCTGTGGCCAG
AATACACATTTTGAACCTTTGTGAGGCAATCCTGCAGTTTCAGATGAACCATAGTGCATTCAGAAGGC
CCGAGACATGTATGCTGAGGAACGGAAGAGGCACCAAGCTGGAGAGGGACCAGCGGCAGTGACAGAGCAG
CTGCTTCGAGAGGGGCTCCAGGCCAATGGGGATGCCCACTCCGACGGACACGCTTGACAAAACCTCCG
CCAAACGGGAAGAGCGAGTGCGAGGCTTCTGCAGGCCTTGAACCTCAAGCGGGCTGACTGGCTGGCACT
TTGGGGCACTGCATCTGCC

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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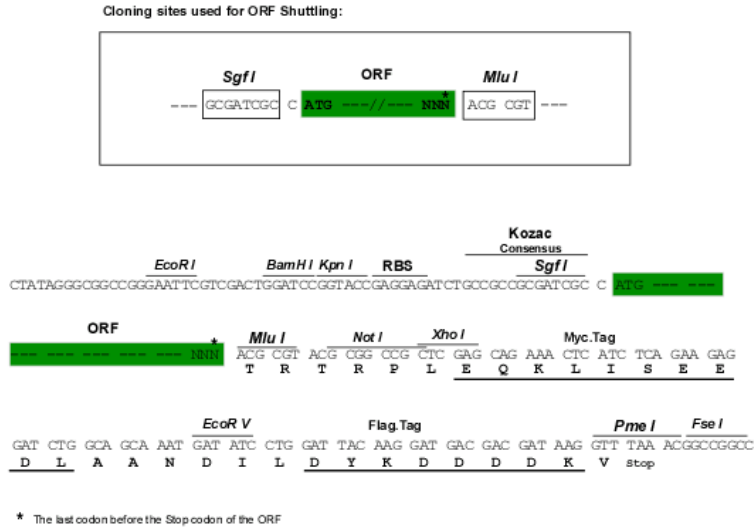
Protein Sequence: >RR206064 representing NM_001011978
 Red=Cloning site Green=Tags(s)

MSWIKEGELSLWERFCANIIVKVPVKHIAFIMDGNRRYAKKCQVERQEGHTQGFNKLAECLRWCLNLGI
 LEVTVYAFSIENFKRSKSEVDGLLDLARQKFSCLMEEQELKKHGVCIRVLGDLHLLPLDLQKKIAQAVQ
 ATKNYNKCFLNVCFAYTSRHEITNAVREMAWGVEQGLLEPSDVSESLLDQCLYSNHSPQPDILIRTSGEV
 RLSDFLLWQTSHSCLVFQPVLPWEYTFWNLCEAILQFQMNHSALQKARDMYAEERKRHQLERDQAAVTEQ
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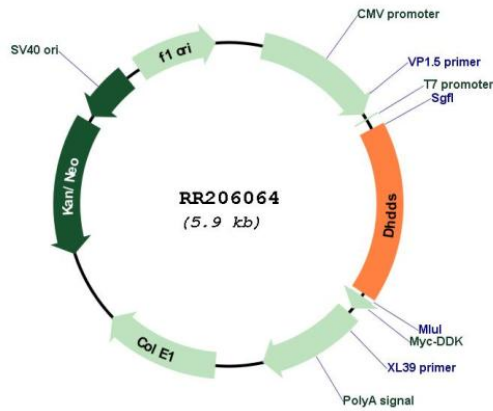
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001011978

ORF Size:	999 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_001011978.1 , NP_001011978.1
RefSeq Size:	1447 bp
RefSeq ORF:	1002 bp
Locus ID:	298541
Cytogenetics:	5q36
MW:	38.5 kDa