

Product datasheet for **RR212738**

Dhrs3 (NM_001037199) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dhrs3 (NM_001037199) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Dhrs3
Synonyms: MGC125166
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR212738 representing NM_001037199
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTGTGGAAATGGCTGGGCGCGCTGGTAGTGCTCCCTCTGCAAATGATCTATCTGGTAACCAAAGCAG
CCGTGGGACTGGTGTGCCCCCAAGCTTCGGGACTTGTGCGGGAGTCAGTCTCATCACCGCGGTGG
GAGAGGCATCGGACGCCACCTCGCTCGGGAGTTCGAGAGCGTGGCGCCAGAAAGATTGTTCTCTGGGGC
CGGACTGAGAAGTGCCTGAAGGAGACAACAGAGGAGATTCGGCAGATGGGCACAGAGTGCCACTACTTCA
TCTGTGATGTGGCAACCGGGAAGAGGTATACCAGATGGCCAAAGCTGTCCGAGAGAAGGTGGGTGACAT
CACCATCCTGGTGAACAATGCTGCTGTGGTCCATGGGAAAAGCTTGATGGACAGCGATGATGATGCCCTC
CTCAAGTCCCAGCATGTCAACACCCTGGGCCAATTCTGGACCACCAAGGCCTTCTTGCCACGTATGCTGG
AGCTCCAGAACGGCCATATTGTGTGCCTCAATTCTGTGCTTGACTGTGCGCCATCCCTGGCGCCATTGA
CTACTGCACATCAAAGCATCAGCCTTCGCCTTCATGGAGAGCCTGACCTTGGGGCTGTTGGACTGTCCG
GGTGTGAGCGCCACCACCGTTCTACCCTTTCACACCAGCACCGAGATGTTTCAGGGCATGAGAGTCAGGT
TTCCCAACCTCTCCCGCATTGAAGCCAGAGACAGTAGCCCGGAGGACAGTGGAAGCTGTGCAACAAAA
CCAGGCCCTTCTTTGCTCCCATGGACCATGAATATCCTCATTATCTTGAAGCATACTCCCGCAGGCT
GCCTGGAGGAGATCCACAGTTCTCGGGACTTACACCTGTATGAACACCTTTAAGGGGAGGACA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >RR212738 representing NM_001037199
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MVWKWLGALVVLPLQMIYLVTKAAVGLVLPKLRDL SRESVLITGGGRGIGRHLAREFAERGARKIVLWG
 RTEKCLKETTEEIRQMGTECHYFICDVGNREEVYQMAKAVREKVDITILVNNAVVHKGSLMDSDDDAL
 LKSQHVNTLGQFWTTKAF LPRMLELQNGHIVCLNSVLALSAIPGAIDYCTSKASAFAMESLTLGLLDCP
 GVSATTVLPFHTSTEMFQGMRVRFPNLFPPLKPETVARRTVEAVQONQALLLLPWTMNILIILKSILPQA
 AL EEIHRFSGTYTCMNTFKGRT

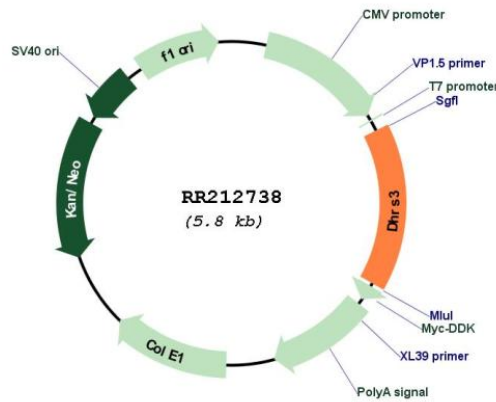
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001037199

ORF Size: 906 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_001037199.3 , NP_001032276.3
RefSeq Size:	1685 bp
RefSeq ORF:	909 bp
Locus ID:	313689
Cytogenetics:	5q36
MW:	33.6 kDa