

Product datasheet for MR218561

R3hdm2 (NM_001168292) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	R3hdm2 (NM_001168292) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	R3hdm2
Synonyms:	1300003K24Rik; AU041262; mKIAA1002
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR218561 representing NM_001168292 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
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ATGTCTAACAGTAACACTACTCAGGAGACTCTGGAAATAATGAAAGAATCAGAAAAAACTGGTGAAG
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AAAAGATGTCTCTGAAAAGGAAGACAAGGACAAAAGCAAAAGAAAAGGTCCCAAGGAAGATGCTATCCAGA
GACTCCAGCCAAGAATATACCGACTCCACTGGAATAGATCTACATGAATTTCTTGTAATACACTGAAAA
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CAAGAGAGATGATGCCAGTATGGACCGAGATGATAACAGATGAGAGTTCATTGCGAGGATGGAAGGAGG
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CTTCTGCCAGTCTCTCCGCCCCAGCAGTACAACATGGCAGAAGACCTCAGCAACCCCTTTGGACAAATGA
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR218561 representing NM_001168292

Red=Cloning site Green=Tags(s)

MSNSNTTQETLEIMKESEKLVESVNKNKFIKTPSKEDVEKEGENGLRQETQRRSSSHGHARKRAKS
 NSKLKLVRS LAVCEESSTPFVDGPLDTQDIIQLHISCPDKEEEKSTKDVSEKEDKDKSKEKVPKMLSR
 DSSQEYTDSTGIDLHEFLVNTLKKNPRDRMMLLKLEQEILDFINDNNNQFKKFPQMTSYHRMLLHRVAAY
 FGMHDHNDQTGKAVIINKTSSTRIPEQRFSEHIKDEKNTFQQRFILKRDDASMDRDNQMRVPLQDGRR
 SKSIEEREEYQVRERIFARETGQNGYLNDIRLSKEAFSSSSHRRQIFRGNREGLSRTSSSRQSSTDS
 ELKSLEPRPWSSTSDSGSVRSRPPVTKASSFSGISILTRGDSIGSSKGGGAGRLSRPGMALGAPEVCNQ
 VTSPQSVRGLLPCTAQQQQQQQQQQLPALPPTPQHQPPLNNHMISQPVPALQPSQPQVQFSPSSCPQV
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 PASQSVQGLPTGGVPVYYSMIPPAQNGTSPSVGFLQPPGSEQYQMPQSPSPCSPPQMSQQYSVSPSG
 PGVVVMQLNVPNGPQAPQNPMSMVQWSHCKYYSVEQRGQKPGDLYSPDGSQANAQMGSSPVTSPQSPAP
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 GNRGKRQALKSASTDLGTADVVLGRVLEVTDLPEGITRTEADKLFQLAMSGAKIQWLKDAQGLPGAGGG
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TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001168292

ORF Size: 3132 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_001168292.1](#), [NP_001161764.1](#)

RefSeq Size: 4051 bp

RefSeq ORF: 3135 bp

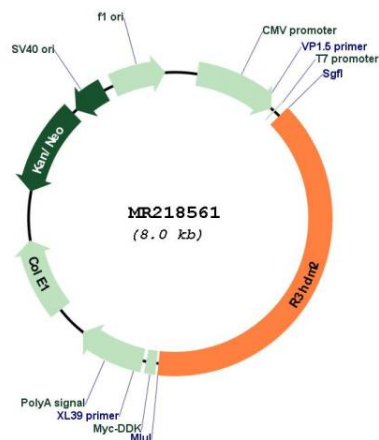
Locus ID: 71750

UniProt ID: Q80TM6

Cytogenetics: 10 D3

MW: 115 kDa

Product images:



Circular map for MR218561