

Product datasheet for **MR202444**

4930474N05Rik (NM_175008) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 4930474N05Rik (NM_175008) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: 4930474N05Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR202444 representing NM_175008
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGTTCTCTTGGTGTCTTAGGACTACTAGAGGCTTGGGCCTCAAGAAAGAAAACAGAGAAGGCCATGGAA
 GTGTCTGGAGGCACAGGGTTCACCTTGCCTTCAACGCCGTGGCCATTTCCAGAAAGGGAAAACTGT
 GACCAAGGGTAAGCAAGACCAGAACCACACAGACCAGGATCTGAGGGAGCCACGTAGAGAGTCTCCCATC
 AGTGTGAAATGGTTGTTAAGTTGGTGAACAACCTGGTGCCTTCACTGCAGGAAGGAGACCACTTCTTTG
 TCTCTATTTTCTCCACATACAGAAGCTTTGTTACCCCTACAGGACTGGGCCTGCTGTTTCATGAG
 GTATCCATACTTCCACCCTCATTCTGTTGAGCATAGACAAGTAAGGAGCAGCCTCTGTAACCTCCTGCAC
 ACATGGATGGACAAGAACCCTGAGGACTTTTGTGACCCCTCAGACATGTTACCTCTGACATACCTGAAGG
 CCTATTTGAGTGTGCACATGCCACACTCTGAGCTTTTTATCCGTGTCGATAGGCTTCTGAACGAGTTGTG
 GGAAGAACAGGACAAGGATCCCATGCCAAGAATGAGGAAGACTCAGATCTGGGAAGACATACCTCCTCC
 GATCCAGAACTTAAACGTTGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR202444 representing NM_175008
Red=Cloning site Green=Tags(s)

MFSWCLRTTRGLGLKKNREGHGSVWRHRVHSCQLRWPFSRKGKTVTKGKQDQNHDTQDLREPRESPI
 SAEMVVKLNNLVPQLQEGDHFVSIIFLSTYRSFVPLQVLGLLFMRYPYFHPHSVEHRQVRSLLCNFLH
 TWMDKNPEDFCDPSDMLPLTYLKAYLSVHMPHSELFIRVDRLNELWEEQDKDSHAKNEEDSDLGRHTSS
 DPELKRCK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Chromatograms: https://cdn.origene.com/chromatograms/mm9064_d10.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_175008

ORF Size: 654 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_175008.3](#), [NP_778173.1](#)

RefSeq Size: 839 bp

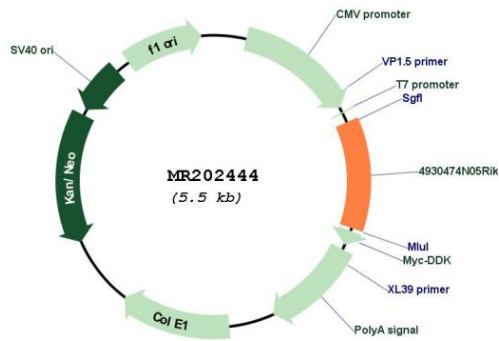
RefSeq ORF: 657 bp

Locus ID: 218921

Cytogenetics: 14 B

MW: 25.7 kDa

Product images:



Circular map for MR202444