

Product datasheet for MR222050

Nhlrc4 (NM_001039038) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nhlrc4 (NM_001039038) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Nhlrc4
Synonyms: F430201B04Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR222050 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGTTAGGACCAACCTGGGAGCCCTTGCTCCAACCTCCATGCTAGGTCTGGAGGGCCCTTGTTGGGTAG
 GTCCAGGGCCTGATGGGGCTTTGCTGTGAGTGAAGAGTTGGGGATGTACAGCTGTTTGGCAGTGCCCA
 CCAGCCTCTGGGCTCCCTAGGAACCTGACTGGGCATAACTTTGGCCACCCAGCAGGTGTGTGCTCTGAT
 GCAGAGGGTAGCATTATTGTGGCTGATGAGCAGAGGCACCAAGTACTTTGTTTCCCGGGTTGGGCCAC
 CCATCTGTTTGCAGTTGGAGGGACTAAAGAGGCCCTTGGGTATGGCCTGTGCACCCAGGGCCAAGTGT
 GGTGGCAGATGCAGGGGACAACCTGCATCAAGTTGTACCAGTATCTGGGGAGATGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR222050 protein sequence
 Red=Cloning site Green=Tags(s)

MLGPTWEPLAPTSMLGLEGPCWVGPDPDGGFAVSEEFQDVQLFGSAHQPLGSLGTLTGHNFGHPAGVCS
 AEGSIIIVADEQRHQVTLFPRVGPPICLQLEGLKRPLGMACAPQQQLVVADAGDNCIKLYQYLGEMA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:



ACCN: NM_001039038

ORF Size: 411 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_001039038.2](#), [NP_001034127.1](#)

RefSeq Size: 2141 bp

RefSeq ORF: 411 bp

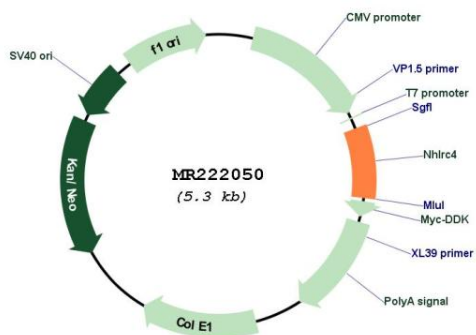
Locus ID: 621239

UniProt ID: Q3UP44

Cytogenetics: 17 A3.3

MW: 14.2 kDa

Product images:



Circular map for MR222050