

Product datasheet for MR212663

Rnf39 (NM_001099632) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rnf39 (NM_001099632) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rnf39
Synonyms:	BC038661; Gm320; Gm1786; Gm1787; LIRF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR212663 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGCTCCCGAGCTGGGCCCGGGTTGGTGGAGCGTCTGGAGCAGCTGGCGACATGTCGCTGTGCG
GGGGCCCTTCGAGGACCCAGTCTGCTGGCGTGCACACAGCTTTCGCCGTGCGTGTGGCCGCGCTG
CTGGGGGGCCCCGGCGCGTCCGGCTCGGAGGCGGCCCCCTTCCTGCCGTGCTGTGGCCAGCCATGC
CCCAGACGCAGCCTGAGGTCCAACGTGCGACTGGCAGTGGAGGTGCGCATCAGCCGTGGGCTGCGTGA
AACTGGCGGAGCCCGGAGCCCGGGCCGGAGACGACGCGGTGGCCGCATCCCCACCATGGGTTGCCTGGA
TCCCCACGGAGAGGATATGAGGAAGACATGGAGACGATTGATGTCCCAGCACCAAGCCATCTAACTCA
GAGGAGGATCTCCCTGAAGATTACCCCGTGGTCAAAAACATGCTTACAGGCTGACAGCTGACCTGACGC
TCGACCCTCGCACAGCACACCGTGATCTGCTATCTCCTCTGACTACCGCGCGTGAGTCTGGTCCACC
CGGAACGCCTGCGCCGCTGGACAGCCCCGCGCTTCGATCAGCTCCCGCGGTGCTGGGTGCGCAGGGC
TTCGCGTCAGGCCGCACTGCTGGGAGGTGGAGACCGGAAAGGCGCGTCTTCAGAGACTTACAGCTC
AGGATGAGAACCGGGAGAGAGCTGCTACGCCGTGGCGCTGCCGGGAGTCCGTGACCCGAAGGGCCT
CATCAAGCTGTGCCATCGGAGGCTATATGGGCCGTGGAGGGCCCGCGCGCCGCTTGTGGGCGCTCAG
GCTCCAGAGCCCACTGCTAGGTGGTGGCAGGCCCGCCGCGCAGCGCATTCCGCTGGACTGGAGTGGG
AGCGGGTCTGTGGCCTTCTATGACGGCGCTCATTGGACTTGTCTTCGCTTCCAGGCGCCGGGCC
GCTCGGGGAGCGTGTCTCCCTGCTCTGCACTTGTGACCCGCGTACCCGCTGCGTATCTTGCTGGA
GAAGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence: >MR212663 protein sequence
Red=Cloning site Green=Tags(s)

```
MEAPELGPGLVERLEQLATCPLCGPFEDPVLLACEHSFCRACLARCWGAPAASGSEAAPPSCPCCGQPC
PRRSLRSNVRLAVEVRI SRGLREKLAEPGARAGRRRGGRIPTMGCLDPHGEMRKTWRRFDVYPAPKPSNS
EEDLPEDYPVVKNNMLHRLTADLTDPRTAHRDLLISSDYRGVSLAPPGTPAPLDSAPRFDQLPAVLGAQG
FASGRHCWEVETAEGASF RDSTAQDENAGESCYAVGAAGESVTRKGLIKLCPSEAIWAVEGRGRLWALT
APEPTLLGGARPPPQRI RVDLDWERGRVAFYDGRSLDLLFAFQAPGPLGERVFPLLCTCDPRTPLRILPG
EA
```

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001099632

ORF Size: 1059 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_001099632.1](#), [NP_001093102.1](#)

RefSeq Size: 1446 bp

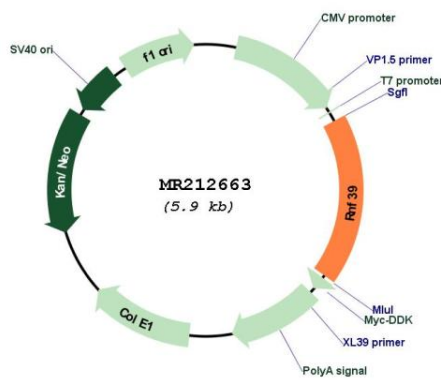
RefSeq ORF: 1059 bp

Locus ID: 386454

Cytogenetics: 17 B1

MW: 38 kDa

Product images:



Circular map for MR212663