

Product datasheet for RN212122

Mrrf (NM_001008354) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mrrf (NM_001008354) Rat Untagged Clone
Tag: Tag Free
Symbol: Mrrf
Synonyms: MGC93722
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212122 representing NM_001008354
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCTTGGGAATAAGATGCTTTCGCCTACTACATCCTGCCTTTAGCAGCTACCTGGCTGATTTGAGCA
GACCTGTTTCAGAAGTCCCATGAAGACAGTGCAGGAAGACAACGTGACCATATACAGTACTCAGCCCA
CCCAGCAGTGCCAGTTCGCCAGTTTGCAACCAAGAAGGCCAAAGCCAAAGGGAAAGGACAGCCCCAGGCC
AGAGTGAACATTAACACTGCCTTGGTTGAGGACATAATCAGTTTGAAGAGGTGGATGAAGACATGAAAT
CTGTGATGGAAGCACTTAAAGATAATTTCAATAAGACTCTCAACATAAGGACTGCACCAGGATCCCTTGA
TCATATTACTGTGGTAACTGCTGATGGGAAGCTTGTCTAAACCAGATTGGCCAGATCTCCATGAAGTCG
CCACAGTTGATTCTGGTGAATATGGCCAGCTTCCCAGAGTGTACAGCTGCAGCTATCAAGGCTATAAGAG
AAAGTGAATGAATCTGAACCCAGAAGTGAAGGAACACTAATTCGGGTACCCATTCTAAAGTAACCAG
GGAACACAGAGAAATGCTGGTGAACCTGGCCAAACAGAACACCAACAAAGCCAAAGAAAAATTTACGGAAG
GTTGCGACTAATGCAATGAATAAACTGAAGAAGTCAAAGGACAAAACCTCAGAGGACACCATTAGGCTCA
TCGAGAAGCAGATCAGCCAAATGGCAGACGACACGGTGGCGGAGCTGGACCGGCATCTGGCAGCAAAGAC
CAAAGAACTTCTTGGATGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001008354
Insert Size: 789 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>NM_001008354.1</u> , <u>NP_001008355.1</u>
RefSeq Size:	3602 bp
RefSeq ORF:	789 bp
Locus ID:	311903
UniProt ID:	<u>Q5RKI9</u>
Cytogenetics:	3p11
Gene Summary:	Responsible for the release of ribosomes from messenger RNA at the termination of protein biosynthesis. May increase the efficiency of translation by recycling ribosomes from one round of translation to another (By similarity).[UniProtKB/Swiss-Prot Function]