

Product datasheet for **RN213625**

Mfrp (NM_001108137) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mfrp (NM_001108137) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mfrp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213625 representing NM_001108137
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGGAATATGCCGATGTCACCCCTGTGCCAGAGGCAGCTGAGCTGAGCAAGACAGAGTTCTGCAATC
 CTGCTTTTCGACCTGGAAGCCGGGCTTCTTGCCCTCCACCAGCATTACAGAAAAATGTCAGCAGCAGCCT
 CCAAGGTCCTGGCATGTCCAGCGTCTCCGGGGCTACAACCAGACTGCCACTTCTCCGGGCTCTGTATC
 CTGCTGCTCAGCGGCTGCTGCTACTACTGCTGGGGCTGCTGGTGGCTGTCATCCTGGCTCAGTTCAGG
 CTACATCTCTCCCAGGACTACCAAGAACCCTGCCACCCGAGGAGGCCTCACCCACGGGTGTCAT
 TCCCAGCACCACCCTAACACCACCACCACCACCACCACCACCAGCAATCACAGGGCGGCAAGAGGCA
 GCCATGAGCCCTACACACCAACCCTGTGGAGGCTCCTTCTGGTCCCAGTGGTTTCTTCAGCAGTC
 CCAACTACCCAGACCTTTACCCACCCACAGCCACTGCGTCTGGCATATCCAGGTAGCCACAGGCCAGAC
 AATACAGCTCAAGATTCAAGTGCTCAGCACAGAAAGCATGCTCGCTGTCTTTTGTATCGCTTGGAAATT
 AGCCCAGCGCCTACAGGCCCTCTGCTCAGAATGTGTGGTAAAACACCTCCTGCCACAGTTAACACCAACA
 CCAGTCACCTCCGTGTGTCTTCTGCTCTGATAACGATGTAGAAGGGTCTGGTTTCCAGGCTGGTACCA
 AGCAGTGGCCCTGGACATTGGAGCTGTACCCACTACGAGTTCCTGTGACCTGCTCCTCTGCCTGAAG
 CAAGACTCTGTGTGTGACGGCATTAAAGGACTGCATCGATGGCAGTGATGAGGCCAACTGCAGTGCCAAGA
 CGTTGGGGTGTGGAGGGAACCTGACTGAGCTCTCTGGGGTGTCTCTACCCCAAACCTACCCACAGCACTA
 CCCTCACCAACAGCTTTGTACCTGGTATATCAAAGTGCCCGTGGGATACAGGATAAGACTAGAGTCCAC
 AACTTCAGCCTGGAAGAACAACCTGAATGCAAGTTTACTACGTGGAGGTGTATGAGGCCAGCAACTCAG
 GAACATTCAGCTCCCTGGGCAGTTCTGTGGAGCAGAGCCACCATCCACCTCGTCTCCTCGCAGCACA
 GCTGACTGTAATCTTCAAGACTGATCTTGGTATCAGCAGTGGGGGCTTTTGTAGCAACCTACCAGGCCATC
 AATACGACAGAGAGTGGGTGCCCTGGGCAGACCTTTGTGGACCCAGAGAGTTCTGCCAGAGCAGAGTAC
 GTAGAGAAGTGAACGGATTTGTGACTTATGGAAGACTGTGCAATGACAGCAATGACAAGTGAACAG
 CCCTTGTCCCAACAAGTGGACCTGACCTGTGAACCTGTCCAGGTGGAGATGTGCCTTGGACTAAGCTAC
 AATACCACAGCCTTCCCTAACATCTGGGTGGGCTGGCCACACAGATGGAGGTGACAGATATCCTCAGAG
 GCTACAAGAGCCTGACAAGTCTACCCTGCTACCAGACTTCCGGAGGTTCCTCTGTGGGCTGCTTGAACC
 TCGATGCACCTCACTGGGCACTATCCTACCCCTTGTCTGTCTGCCAGGAGGCAGAACACAGTGC
 CAGTCTAGCCTGGCATTACTGGGCATCCCTGGCCTTCAACTGCAACAGGCTGCCTGTGCCGGCTAGCC
 TGAAGCTTGTCCAGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001108137
- Insert Size:** 1773 bp
- 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:

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_001108137.2](#), [NP_001101607.1](#)

RefSeq Size: 2296 bp

RefSeq ORF: 1773 bp

Locus ID: 315597

Cytogenetics: 8q22