

## Product datasheet for RN207516

### Marf1 (NM\_133421) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Marf1 (NM_133421) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Marf1
Synonyms:	Lkap
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207516 representing NM_133421 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAAGGGAACGGAACCTGAGAACCCTTGAGCAGAACACTTGGATGGTTACACCAAAATAACGATGCTA  
AGCCGTGGCTTTGGAAATCTCTGGTTGCTTTTCTCTTCTGAGCAGACATTGCCTTTAGTTCCCAAAAC  
GAAAGAGTACATGGAGAACAAGAAAGCTGCTGTGGAGTTAAAGGATATACCATCTCCCCTTCATGTTGGC  
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GAATCCGTGAGAAGTTTTTAGAGGACACAGAGAAGCAGAGTTTATCTGTGTGTGTGACATCAGTAAAGA  
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TGGTCTGTGTCAACTGATGTTAATTTGCAATAGAAGTCACTGATCTCAGGCACCGGCATGGTTTCCA  
CATCATTTTGGTACATAAAAACAGGCCTCTGAAGCCTTGTACATCATGCTAACCAAGCTGATCAGATTT



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GAAGAGTTCATTTCCGATCTACCCCCAGGTTACCACTGAAGATTCCTTGCCACACTCTACTCTATGTTT  
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 CTTACCACCACACTTTGGCCGGCAGTGCAAACTTGCAATTAATGGAATTAACAAGTGTGGAAGTCTTT  
 GGAAGCCATACCTGAGATTTTACAAGTGTGGAATGTGGAGAAGAGAAAACTCTGACTTTGACTGAAGTG  
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 TTCAGTCTCAGCTTTGACACAGAAGCTTGCCATGTTGTAAGGTTGTGATATGGAGTCTGGCAAACAA  
 ATCCAAGTATAACCCGGAAGTCTTGGCGCCTCCTCACTGTTGAGTTGCTGGTGGTGTGATGCTTGGG  
 AAGGAGATGCTTATCTTCCCGTTGATGAGCTCAAGAGACATTATGAAACCACTCACAGTACTCCTCTCAA  
 CCCCTGTGAATATGTTTTCATGACTTTGACTGAGCTACTGAAGAGTCTGCCTTCTTTAGTAGAGGTTTTT  
 ATGAATGATAAGGCAGAAGAGTGTGTAAGCTCACAAGCCTATACTTGTGTTGCAAAGAAATGTGAGGTCTT  
 TGCTTCATACCTATCACTACCAGCAGATTTTCTTTCATGAATTTGCCATGGCCTATACTAAATATGTAGG  
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 ACCCCATCTAGCCTCAGAGCTCCATCTCAGAACAGGACCCAGCCAGATGGAGCAGGAACTTCTGCAATTG  
 GCCAACAGCTCCCTGTTGACCTTCTGTGCTCCTGTTCTTTCATGCCTGCCATCCCTCAGCTAAGAC  
 CAGATCCTGTATCCTGCAGCCACTGATCTCATTGAGTTTGGGAACACCCCTCAGGAGCCTTTGGGAGT  
 TTTATTTTTAAACCAAGAAGAAAAACAGAAATCCAATACCAGTAAAGAAGGGGAACCTGCTGTAAAC  
 TCCTCACCCAGTAGCCAGCATGTCTTCTGCTCCTCCAAACCTCCTCAGAAGCCCCGGGCTACTGA

TTAGCAAGGATGCAGTGGAAAGCCAGCAAAAAAGCAGCCAAAAATAGAGTCAAATTGGCAGCCAACTT  
 TTCTTTTGCACCTGTGACCAAGCTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_133421
- Insert Size:** 5208 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\\_133421.2](#), [NP\\_596912.1](#)
- RefSeq Size:** 7617 bp
- RefSeq ORF:** 5208 bp
- Locus ID:** 170946
- UniProt ID:** [Q8VIG2](#)
- Cytogenetics:** 10q11
- Gene Summary:** protein of unknown function, may associate with LIM kinase-2 [RGD, Feb 2006]