

Product datasheet for **MG207250**

Prr14l (NM_194340) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prr14l (NM_194340) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Prr14l
Synonyms:	6030436E02Rik; C330019G07Rik; Prl14l
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG207250 representing NM_194340
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGAGCTTCATAGATTTGAGCAACAAGATGCCATCACTGCTGTTTGGTACGGAACGTCCTATTTCTCT
 TTCATGTGAAATCAGTGTCCAGCTGCATGGCTGAGTCCTCCAGGACTTTTCTGAGCACTGCGCTCCATC
 GAGGCTTGCCTTAACAGAGGCTCCCAAGTGGACCTTCTCTTTTCTTG
 TCCCATGGTTGCCCTGGGATGGCCACATTCAGGGAAGACACTGGCCTCAGTAGTCAGACACACACTCAGG
 CTCCTCTCCAAGAATATGGAGGCACTGCCATAGTTCAGACCAGGGCAGACCGCTCTGGCCTTGGCCTTCA
 CACACTTCTAGCACTTTGTTACCCGGATGTTACCGAATCTGGACAAAAGACGGAACCTTCTCCAGTAAT
 ATGCTATCATGCAGAGGCTCTTCTGACCCAGTTTACACAGGGCCTAAAAGGGTTAAGGTCTCCAGCCT
 CTATAGCAGATAAGGTCTTCTGTTCTCTGCCCTACTCGGTGGGCCGGGTGTTGCCCTTTGGAGCCAGCA
 CGGGCCCTCTGTACCTCAAATTGCCAGCTCTTATTCCACCCCTAGCAAGCAGCAGGGGAGCCTGAAC
 GCCTTGAGCAGCCACACCACCATACCAATGTGCCTCTTCCAGGATGGGAGCTGCCACACCACCAACA
 GCAGTCACCTGAGGCTAGAGCCTGTGTTTCTGCCTTGGTGCCAAAGTCTTGCTTGGTAACAGAAGCCGC
 TGTGAGCAGCTGCTGCTCTCTGCTCTGAGCTCGCAGTTCTGGCTGTGATGAGCTGGATGGTGTGTCA
 GCAGCCTGCCCCGACCAGAGCAGCCCTGCACAGCAGAAAGAGGCTGAGCCAGAGAAGAGACCAAGA
 AAGTCTCACAGATCCGCATCCGGAACCATTCCTAAACCAGATCCCAACCTTACCCCAATGGGCCTGCC
 TCGGCCCAAAAGGTTAAGAAGAAGGAGTTAGTTAGAGGAAATCTATACAAACAAGAATTACAAGTCT
 CCTCTGCGAGCAGGTGTTTAGAGACCATCTTTGAGGAACCAAGAAGCAATGGTACCTGATCTCTA
 TCAGCCAGCAGAAAAGGAAGCGTCTTCTGGAATCCAGGATTTTACCGTCCCTCGAAAGAGACGAGCTCG
 AGGTAAGGTGAAGCTGGCCGGCAGCTTACCAGGGCCAGAAAGCGGCTCTGCAGACTCAGGAGCTGGAC
 GCTCTTCTGATTAGAAGCTGATGGAAGTGGAGACGTTCTTTGCCAAGGAGGGGAGCAGGAGCATCAGC
 CAGCTGCTGAGAACAGTTCGGGGTCTCCACTT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG207250 representing NM_194340
 Red=Cloning site Green=Tags(s)

MSFIDLSNMKPSLLFGTENVPFSFHVKSVSSCMAESSRTFPEHCAPSRLLALTEASQCSAPAPKWTFSFFL
 SHGCPGMATFREDTGLSSQHTQAPLQEYGGTAIVQTRADRSGLGLHTLLALCSPGCIYRIWTKRRNFSSN
 MPIMQRLFLTQFTQGLKGLRSPASIAADKVFCSLPYSVGRVLSLWSQHGPSCTFKLPALHSTPSKQQGSNL
 ALSSHTTIPNVPLPGMGAHTTNSHLRLEPVFPALVPKSCLVTEAAVSTLLLASELAVPGCDELGDVVS
 AACPRPQSSPAQQKEAEPEKRPKKVSQIRIRKTIKPDPNLTPMGLPRPKRLKKKEFSLEEIYTNKNYKS
 PPASRCLETIFEPEKERNGLTISISQQRKRVLEFQDFTVPRKRRARGKVKLGSFTRAQKAALQTQELD
 ALLIQKLMELETFFAKEGEQEHQPAEENSSGSPL

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

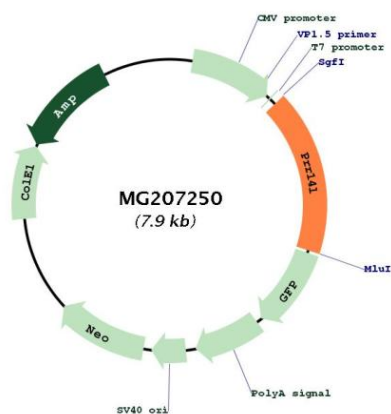
Cloning Scheme:



ACCN:	NM_194340
ORF Size:	1362 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_194340.1 , NP_919321.1
RefSeq Size:	10546 bp
RefSeq ORF:	5916 bp
Locus ID:	215476

Cytogenetics: 5 B1

Product images:



Circular map for MG207250