

Product datasheet for **RG202239**

PRR35 (NM_145270) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	PRR35
Synonyms:	C16orf11; LA16c-366D1.2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >RG202239 representing NM_145270
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCGCGGGAGGCGGGCTCATGCCGCTGGGCACAGGGCGAGGGCGCGGTCTCGGAAGCCCAAGAAGC
 CACACTACATCCCGCGGCCCTGGGGCAAACCTACAACACAAATGCTTCCAGTGCCCTTCACCTGCCT
 GGAGAAGTCACACCTCTACAACCACATGAAGTACAGCCTCTGCAAGGACTCCCTGTCCCTGCTGTAGAC
 TCCCCAGACTGGGCGTGCCGCGTGCTCCACCACGCTAGGCCCCACGCACCCACCCAGACCGCCCTG
 GGGAGTCCGACCCCGCAGGCAACCCAGGGAGCACGGCCACAGGTGCTGCCCCGCGCCTGACCTCGT
 GGTCCGCGACATCCACTCCCTGCACGTGTGGCGGAGGCCCAAGTCCAGGGCCAAGGGTCCCCAGGGCCA
 CCACCCCTGTGGCTAGGGCCACCCGAAGGTCCCGGCCAGTGGGCTCCTGCCTGAGTCGTGGAAGC
 CGGGGATGGAGGGGACCAAGGGCGTGGGTGCGGGGACATGGCCTCAGCAGGCCCTGAGGGCAGCGT
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 GTCAACTACCGCTCAGCCCCGCGCTTCTCTACTTGGGGCCCTCACTGGCCGCTGCAGCCCATGTGC
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 CCCGTGTTGACCGGGGACCCCGAGCCACCCGCGATGCTGGGCCCTGCAGCGCCCCAACCTTCTCTG
 GCCACACCACCAAGTGTGAGGCCGACTCCAGCGTCCACCCCAAGGCTCCCCCTGCAGCCCCAGATGA
 CCCTGTCAATCCTGGCAGTGGTGGGGACCTGTGTTGCGACGAGGAGTCCAGACCCCTGAGGCTGTC
 TGTGGCCTGCAGAGCCCCAGGGCGCCGAGTGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

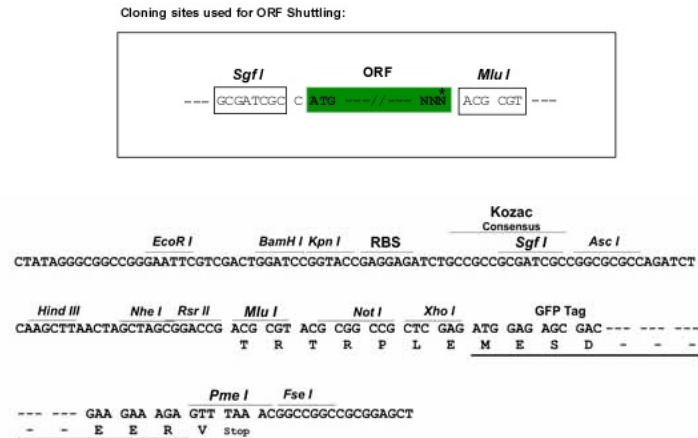
Protein Sequence: >RG202239 representing NM_145270
 Red=Cloning site Green=Tags(s)

MSREAGSCRVTGARARSRKPKPHYIPRWGKPYNYKCFQCPFTCLEKSHLYNHMKYSLCKDSL SLLLD
 SPDWACRRGSTTPRHAPTPDRPGESDPGRQPQGARPTGAAPAPDLVVADIHSLHCGGGPKSRAKGSPGP
 PPPVARATRKGPSPGLLPESWKPGMGDPGRVGAGDMASAGPEGSVPCYPPAPGEFPEAHSLLHLLG
 VNYPLSPGLFSYLGPSLAAAHHVFLASASPLLPATAFPVQPPQRPPTAPRLYYPLLEHTLGLPAGK
 AALAKAPVSPRSPGTPAPGLLKVPVPGLPWPRVTPRDPGQEGELERAAQSDPRRRLSLGSRLELPKAS
 PSLTRFCSSSLPTGSSVMLWPEDGDPGGPETPGEPLPLQPRGPVPGSPEHVGEDLTRALGDYARVEQ
 RLQGLPAGGLAPRPLREQLGKIRLELLTIHQALEQAVRPPDAPLDL SVKRAPAKGPQALGEAWGRPELG
 PVL TGGTPEPPGMLGPAAPQPFSGHTTKCEADSSVPPPLPLAAPDDPVI PGSGWGT CVATRSSQTPEAV
 CGLQSPQGAEV

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_145270

ORF Size: 1713 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.

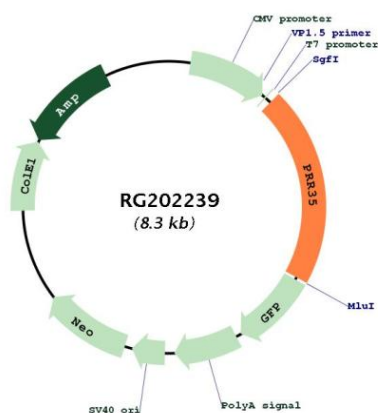
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_145270.3](#)

RefSeq Size: 2245 bp

RefSeq ORF: 1716 bp
 Locus ID: 146325
 UniProt ID: [P0CG20](#)
 Cytogenetics: 16p13.3

Product images:



Circular map for RG202239