

## Product datasheet for **RG204313**

### PRR13 (NM\_018457) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** PRR13 (NM\_018457) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** PRR13  
**Synonyms:** TXR1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG204313 representing NM\_018457  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTGGAATCCCAATGCCGGCAGCCAGGGCCAAATCCATATCCCCCAATATTGGGTGCCCTGGAGGTT  
 CCAATCTGCCACCCACCACCTATTAATCCACCCTTTCCCCAGGCCCTGTCTCCTCCCCAGGAGC  
 TCCCCATGGCAATCCAGCTTTCCCCCAGGTGGGCCCTCATCTGTGCCACAGCCAGGGTATCCAGGA  
 TGCCAACCGTTGGTCCCTACCCTCCTCCATACCACCGCCTGCCCTGGAATCCCTCCTGTGAATCCCT  
 TGGCTCCTGGCATGGTTGACCAGCAGTGATAGTAGACAAGAAGATGCAGAAGAAAATGAAGAAAGCTCA  
 TAAAAAGATGCACAAGCACAAAAGCACCAAGTACCACAAGCATGGCAAGCATTCTCTCTCTCTCC  
 TCCTCTCCAGCAGTGATTCTGAC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG204313 representing NM\_018457  
 Red=Cloning site Green=Tags(s)

MWNPAGQPQPNPYPPNIGCPGGSNPAHPPPINPPFPFGPCPPPPGAPHGNPAFPPGPPHPVPQPGYPG  
 CQPLGPYPPYPAPGIPPVNPLAPGMVGAIVDKMKQKMKKAHKMKHKHQKHKYHKHGKHSSSSS  
 SSSSSSDS

**TR**TRPLE - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



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Cloning Scheme:



ACCN: NM\_018457

ORF Size: 444 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.

RefSeq: [NM\\_018457.4](#)

RefSeq Size: 1227 bp

RefSeq ORF: 447 bp

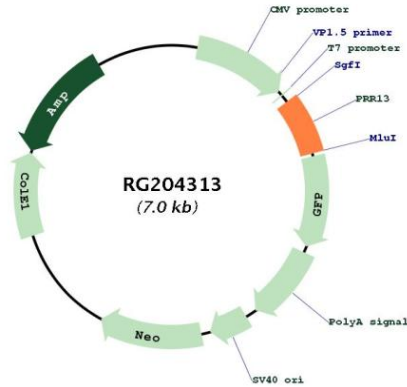
Locus ID: 54458

UniProt ID: [Q9NZ81](#)

**Cytogenetics:** 12q13.13

**Gene Summary:** Negatively regulates TSP1 expression at the level of transcription. This down-regulation was shown to reduce taxane-induced apoptosis.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RG204313