

Product datasheet for **RR210815**

Prr13 (NM_001008379) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Prr13 (NM_001008379) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Prr13
Synonyms: RGD1307129
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RR210815 representing NM_001008379
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGGAATCCTAGTGCTGGGCCAAATCCATATCCACCCCAAGTTGTGTGTCCAGGAGGTTCCAATCCTG
 CCTGCCACCATCCAAAATCCTGCCTTCTCCTGGCCCTGTCCTCCCGAATTCCTCAGGGAAACCC
 AGCTTTCCTCCGTGTCGACCTCTTATCCTGTACCGCAACCAGGGTGTCCAGGATACCAACCTCAGT
 CCCTACCCTCCCCGTACCCACCAGCTGCTCCTGGCATGTGCCCGTGAATCCTCCGGCTCCTGGCATGG
 TAGGCCAGGAATAGTGATAGACAAGAAGACTAGGAAGAAAATGAAGAAAGCTCACAAGAAATCACACAA
 GCATCATAAGCACGGGAAGCACTCCTCCTCTTCTCCTCCTCCTCCTCCAGCAGTGACTCTGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR210815 representing NM_001008379
 Red=Cloning site Green=Tags(s)

MWNPSAGPNPYPPQVVCPPGSSNPACPPSQNPAFPPGPCPPGIPQGNPAFPPCRPPYPVPQPGCPGYQPSG
 PYPPYPYPAAPGMCPVNPAPGMVPGIVIDKKTRKMKKAHKKSHKHHKHGKHSSSSSSSSSSSSSSDSD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:



ACCN: NM_001008379

ORF Size: 417 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_001008379.1](#), [NP_001008380.1](#)

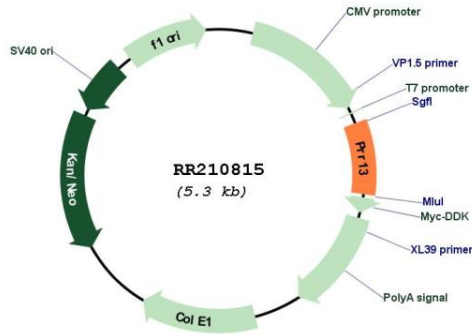
RefSeq Size: 785 bp

RefSeq ORF: 420 bp

Locus ID: 363004

UniProt ID: [Q5U1W2](#)
 Cytogenetics: 7q36
 MW: 14.3 kDa
 Gene Summary: Negatively regulates TSP1 expression at the level of transcription. This down-regulation was shown to reduce taxane-induced apoptosis (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RR210815