

Product datasheet for MR215669

Prr13 (NM_001170911) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Prr13 (NM_001170911) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Prr13
Synonyms: 1110020C13Rik; 2010324E22Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR215669 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGAATCCTAATGCTGGACCGAATCCATATCCACCCCAAGTTGTGTGCCCAGGAGGTTCCAATCCTG
CCTGTCCACCACCTCTCAATCCTGCCTTCCCCCTGGCCCTGTCCTCCCGAATCCCCAGGGAAACCC
AGCTTTCCTCCGTGTCGTCCTTATCCTGTACCACAACCAGGGTGTCCAGGATACCAACCTCAGT
CCCTACCCTCCCCATACCACCACCTGCTCCTGGCATGTGCCCGTGAATCCTCCGGCTCCTGGCATGG
TGGTCCCGAATCGTGATAGACAAGAAGACTCGGAAGAAAATGAAGAAAGCTCATAAGAAGTCGCACAA
GCATCACAAGCACGGGAAGCACTCCTCCTTCTCCTCCTCCTCCTCCAGCAGTGACTCTGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR215669 protein sequence
Red=Cloning site Green=Tags(s)
MWNPNAGPNPYPPQVVCPPGSSNPACPPPLNPAFPPGPCPPGIPQGNPAFPPCRPPYPVPQPGCPGYQPSG
PYPPYPAPPAGMCPVNPAPGMVPGIVIDKKTRKMKKAHKKSHKHHKHGKHSSSSSSSSSSDS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



Cloning Scheme:



ACCN: NM_001170911

ORF Size: 414 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_001170911.1](#), [NP_001164382.1](#)

RefSeq Size: 1111 bp

RefSeq ORF: 414 bp

Locus ID: 66151

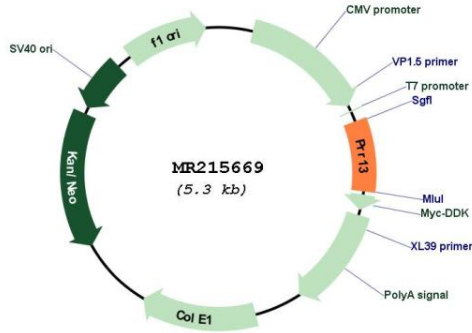
UniProt ID: [Q9CQJ5](#)

Cytogenetics: 15 F3

MW: 14.2 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 MR215669