

Product datasheet for RC231027

PRR29 (NM_001191030) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: PRR29 (NM_001191030) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: PRR29
Synonyms: C17orf72
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC231027 representing NM_001191030
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGCCTCTGGGGCGGGCGGAAGCTGGGGTCGCTCCCCACCGCAGAGCGCAGTCCCAGCGCCCTCTCGT
 GGGCCGTCACCTGCGCCCCCGCAGCCAGGCCGCGTGAAGGAAGACCTGCTGGAAGTATGATGCTGCA
 GAACGCGCAGATGCACCAGCTGCTGCTGAGTCGCCTGGTGGAGCGCTGCAGCCCCGGCTGCCTCG
 CCCTGCCCTCAGGTCTACCTGGAGGTTCCACAGGAAGAGCCTGAGGAGGAGGAGGAGATGGACGTGC
 GGGAGAAAGGGCCTTTGGTGTTCACCACCACTACTTGCCCTATTTGATGCCCTCCCCGGGTGCCCTGCT
 GCCTGGCCAGCCCCCTTCTCCCCACCCTGCTTGTGAGCCCTACTTGCAGGAGCTGCCAGGATTCAG
 CACTGTCTGCCTCCAGGAAAGGGAGGTGAGAGCTGTGCCCCACCCCCACCCCCAGTGCCACAGGGA
 CTGTGGGTGCTGATGTACCCCGGCTTCAGACTACTATGATGCCGAGAGCCTCCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC231027 representing NM_001191030
 Red=Cloning site Green=Tags(s)

MASGAGGSWGRSPPQSAVPTPLSWAVPPAPPQGRVKEDLLEMLQNAQMHQLLLSRLVAGALQPRPAS
 PCPQVYLEVPQEPEEEEEEMDVREKGPLVFHHHLYLPYLMPSGALLPWPAPFFPTACQPYLQDVPRIQ
 HCPASREREVRAVPPPPPSATGTGADVPPASDYDAESLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



Cloning Scheme:



ACCN: NM_001191030

ORF Size: 546 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_001191030.2](#)

RefSeq ORF: 549 bp

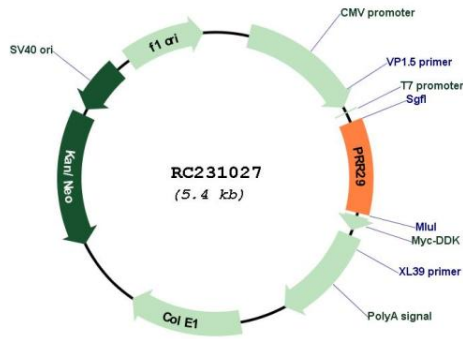
Locus ID: 92340

UniProt ID: [P0C7W0](#)

Cytogenetics: 17q23.3

MW: 20.3 kDa

Product images:



Circular map for RC231027