

Product datasheet for **RC225352**

PRR23C (NM_001134657) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	PRR23C
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-Entry (PSI00001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >RC225352 representing NM_001134657
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGGCAGCCGCCCTGCAGCCCCAGCGCCTGCCTTGCGCCCTGGTGGGACAGCAGCCAGGAGGACCAG
GCCCTGCCAAGCGCAGCCGATTGGAGGAGCCCGCGGGCCCGAATCCGAGCGGCGCCAGCCCGGAAGA
CCCGGCGGGGACCCCGGCCGTGGACGCGCTCACCTCCATGGTGGTCTGGACGCGGGCTGTGCCCTGCGT
GTGCCCTGGAGGACGTCGACCTGGTGTGGAGCTCGCGCCAATGTCGGTCTGCGAGTGTCTTGGTG
GACACACCTCATCGTGATCCCCGAGGTCCTCTGAGCTCCGTCGACGAATGCTCAGGAGCGCAGGGCGA
CTGGTCTGCCGCCCTGGAAGTGGACGTTTTCTGGCGCTCACGGGAAGACGTCGTCGTCGAGCAGGAA
GTCTGCGCATCTGTCCAGAGATCGCTGCCGAGGAAGAGGCCTACGAGGAGGACGCGGACTCTGAGTTCC
CGGAGCTCTGGATGGACTCCGACGCGGCTCAGCCGCTGGGCTCTACCCCTCCGCTAGAAGTATGTTTCA
CCCCACCGGGAGGGCCCATCCGAGGGCCCTGTGCTCTGGCCCCAACCCAGTTCAGAGAGACGCTCT
CCACGCCCCATCTCGACCTGGAATTCATCTTCTGGAGCCTGTCCCAGCTCACCTCTCAACCTCTAC
CTCCCTCTCCGAGTCCAGGTCCCCACGCGCGCCGGAGCTCCAGAGCGCCCTCCGTGCAAGGTCCGAAG
ACGCCTGTTCCAGGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:

>RC225352 representing NM_001134657

Red=Cloning site Green=Tags(s)

MGSRPCSPSACLAPWWGQQPGGPGPAKRSRLEEPAGPESRAAPSPEDPAGTPAVDALTSMVVLDAAGCALR
VPLEVDVLVLELAPMSVLRVSLGGHTLIVIPVLLSSVDECSGAQGDWSAGLEVDVFLGAHGEDVVVEQE
VCASVPEIAAEEEEAYEEDADSEFPELWMDAAGSAAGLYPSARSMFSPYREGPIRGPCALAPNPSSERRS
PRPIFDLEFHLLEPVPSSPLQLPPSPSPGPHARPELPERPPCKVRRRLFQE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

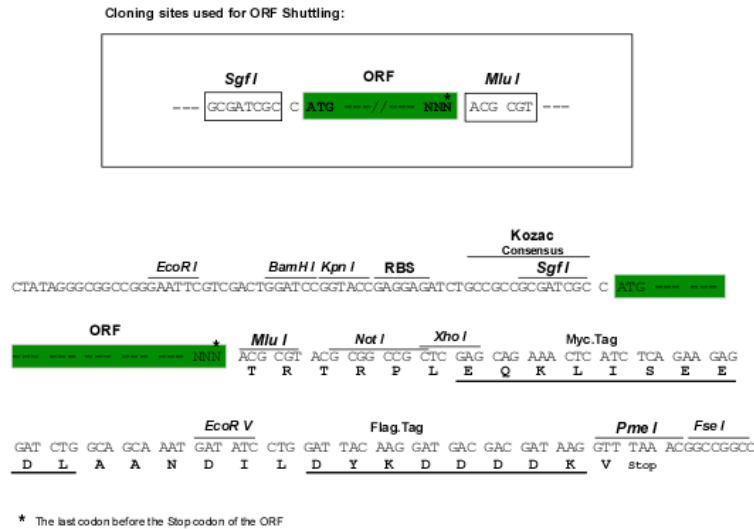
Chromatograms:

https://cdn.origene.com/chromatograms/mk8033_e11.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:

NM_001134657

ORF Size:

786 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_001134657.1](#), [NP_001128129.1](#)

RefSeq ORF: 789 bp

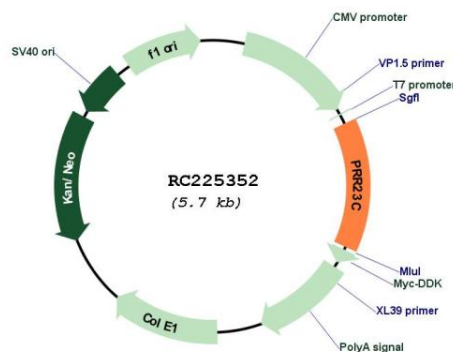
Locus ID: 389152

UniProt ID: [Q6ZRP0](#)

Cytogenetics: 3q23

MW: 27.6 kDa

Product images:



Circular map for RC225352