

Product datasheet for **RR210782**

Paqr3 (NM_001012033) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Paqr3 (NM_001012033) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Paqr3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR210782 representing NM_001012033 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCATCAGAAGCTGCTGAAGAGTGCCTACTACATCGAGCTGGGAGCTACCACTACTGGCCGGTCTCTGG
TGCCCCGAGGCATCCGCCTCTACACCTATGAACAGATCCCGGTGTCCCTCAAAGACAACCCCTACATCAC
CGACGGCTACAGGGCCTACCTACCCTCCAGGCTGTGTATCAAAAGCTTGTATTTTGTCCAACGAGACG
GTAAACATCTGGAGTCATTTGCTGGGCTCTTTCTCTTCTCACGCTGGGATCTATGACATGACGTCCG
TGCTGCCGTGGCCAGCGCATCCAGAGAAGACTTTGTGATCTGCTCCATCTGCCTTTCTGCTTCCAGGT
CTGCATGCTTTGCTCGGTGGGTATCATCTTTTTCTGTCTCGTCAAGAAAGACGTGTCCGAGGTGG
ATGGCATTGGACTATGCAGGGATCTCTATCGGCATCCTGGGCTGCTATGTCTCGGAGTATTTATGCGT
TTTATTGCAATAATTACTGGCGCAAGTGTACCTGATCACCGTGTCTGCCATGATCCTGGCAGTGTCTT
CGCACAGATCCACCCAGTTACCTCACACAGCAGTGGCAGAGGCTCCGCCCATCATCTTCTGCTCGGTG
TCGGGATATGGAGTGATCCCCACTCTTCACTGGGTTGGCTCAATGGAGGAATCAGTGCTCCCATTTGTAC
AGGACTTCGCTCCCCGAGTGATTGTGATGTACGTATTGCTCTTCTTCTGCTTCTTCTACATCTCCAA
AGTCCCGAACGGTACTTCCAGGACAGCTAACTACCTGGGGTCAAGCCACCAGATCTGGCAGTCTCTT
GCAGTGGTGATGCTGTACTGGTGGCATCAGTCCACAGTGTACGTATGCAGTACAGACACAGCAAGCCTT
GCTCTGACTTTGTGTCCCATCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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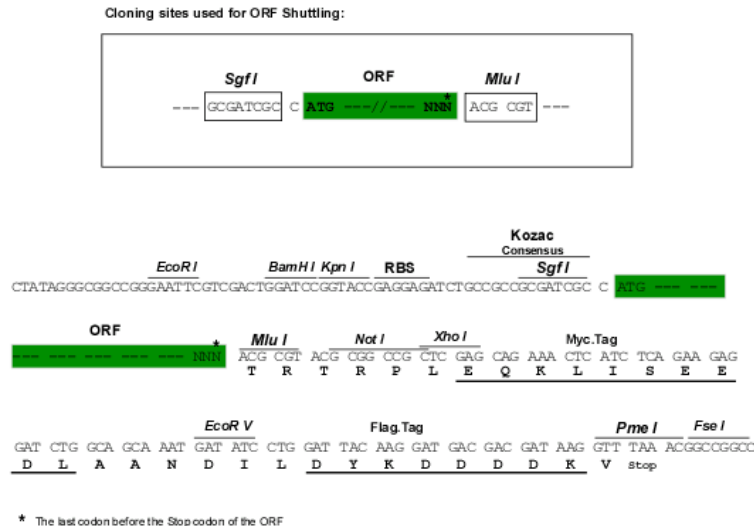
Protein Sequence: >RR210782 representing NM_001012033
 Red=Cloning site Green=Tags(s)

MHQKLLKSAHYIELGSYQYWPVLVPRGIRLYTYEQIPVSLKDNPYITDGYRAYLPSRLCIKSLFILSNET
 VNIWSHLLGFFLFFTLGIYDMTSVLPSASASREDFVICISICLFCFQVCMCLCSVGHYLFSCHRSEKTCRRW
 MALDYAGISIGILGCVSGVFYAFYCNNYWRQVYLITVLAMILAVFFAQIHPSYLTQQWQLRPIIFCSV
 SGYGVIPTLHWVWLNNGISAPIVQDFAPRVIMYVIALLAFLFYISKVPERYFPGQLNYLGSSHQIWHVL
 AVVMLYWWHQSTVYVMQYRHSKPCSDVFVSHL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001012033

ORF Size: 933 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_001012033.1, NP_001012033.1

RefSeq Size: 1885 bp

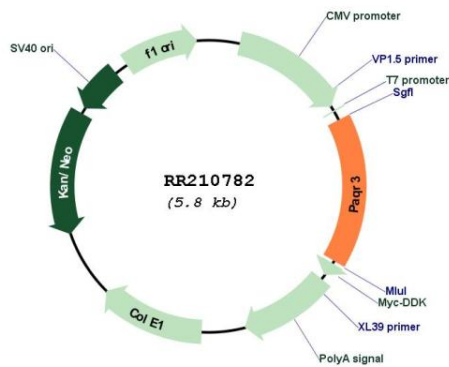
RefSeq ORF: 936 bp

Locus ID: 305203

Cytogenetics: 14p22

MW: 36.2 kDa

Product images:



Circular map for RR210782