

Product datasheet for RR210204

Gpatch2 (NM_001011909) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Gpatch2 (NM_001011909) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Gpatch2
 Synonyms: Gpatc2
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR210204 representing NM_001011909
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTGGGGCCGACGGGCGCCAGCGATCGGAGCCGCCGCCGCCCGGAAGAGCTGGCATTTCAGTC
 GAACAATGGAAGAGCTTGTTCACGATCTTGTCTCTGCACTGGAAGAGAGCTCTGAGCAAGCCCGAGGTGG
 TTTTGCTGAAACGGGAGATCATTCTCGAAATCTGTCTTGCCCCCTGAAGCGCCAGGCCAGGAAGAGGAGA
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 ATTCTAGTTTAGAGGAACCAAGTAAGGACTACAGAGAGAAGCACAGCAACAACAAAAAGGACCGCAGTGA
 CTCCGATGACCAGATGTTAGTGGCGAAGCGGAGGCCGTCTCCACCTTAAACAACAGTGTTCGAGGTAAG
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 AGGTGAAGCGCATGGCGGTGGATCTCCCGCAGGACATCTCCACAAAAGGACGATGACCCAGCCGCTGA
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence: >RR210204 representing NM_001011909
Red=Cloning site Green=Tags(s)

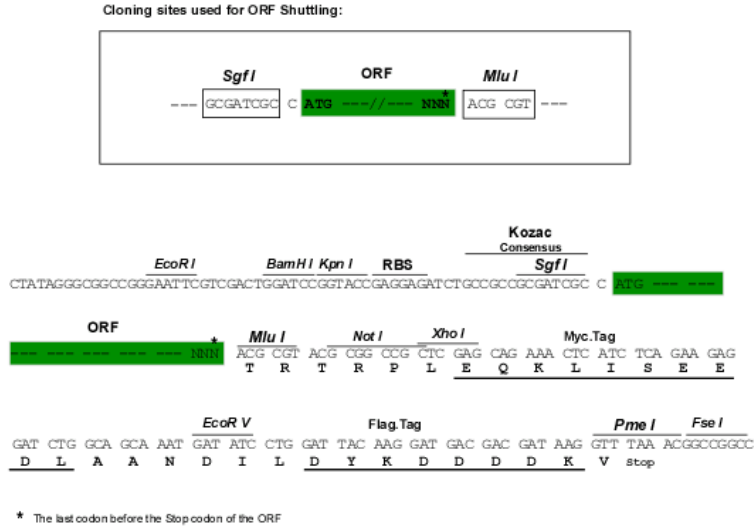
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 RLLWHESDFAVDNLGNRTLRRRRKVKRMAVDLPQDISTRKMTQPPDGCRDQMDSDGASQYPEFIRSKV
 KKRRLLKVIIRPKAPEEGAVLESEEVSQADKDKMEYVEPKASDEL RSESDSSSL SSTDAGLFTNDEGRQVFI
 LIVRNFKVRSKGLMSGNSAKQATALEAPWDLRHSDDQSDWFYEKESGGACGIAGVAPWEEEEGPVE
 LDTNLPDPVFESILSGSFPLMHPGRRGFQARLSCLHGVP SKNIKKSAGAPPSMVGMFLFY

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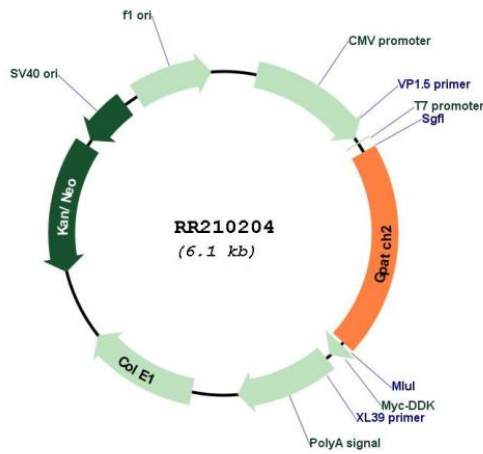
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001011909

ORF Size:	1230 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:	<ol style="list-style-type: none">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_001011909.1 , NP_001011909.1
RefSeq Size:	1392 bp
RefSeq ORF:	1233 bp
Locus ID:	289362
Cytogenetics:	13q26
MW:	45.9 kDa