

## Product datasheet for RN202056

### Gpatch4 (NM\_001024979) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gpatch4 (NM_001024979) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gpatch4
Synonyms:	RGD1311086
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202056 representing NM_001024979 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGAGTGTCACCCAGAGGTGAAGAGTCGTGGGATGAAGTTTGTGAAGAGCAGCTGCTGAAGCATGGGT  
GGACTCAAGGCAAAGGCCTGGGCCGAAAGAGAATGGCATCACCCAGGCCCTCAAGGTGACTGAAAGCA  
AGATACCCATGGGGTGGGACATGACCCTGCCAAGGAATTTACAGACCAGTGGTGGAGTGATCTTCAAC  
AAGACTGCCGCAACTTGGTAGTGGACTCTGGCAAGGATGGAGTGCAGATAAGGCCCTTTCCAAGGAGA  
CCACCCAGCGCAGTCACTCAAAGCCCAGCTTGCTGTATCAGAAGTTTGTGAAGACAGCCACACTAACCTC  
AGGTGAAGAGAAGCCTGACAGAGACTTGGAGAGCTGCAGTGATGTTGACAACCGTGAACCCATACCCCA  
AAGATTCTGACTGATGAGATGCTACTCAAAGCTTGTGAGGGGCGAACAGCACACAAGGCTGCCCGGATTG  
GAATCACCATGAAGGCCAAGCTTGTCTCGCTGGAGGCCAAGAGCAGGCCCTTCTGGCTCGGCTTAAAGG  
CTCAAAGGACGTGGGCACCTCTCAACCACTGACTGACAGTGAGCCCTCCCAAAAAAGAAAAAGAGGAGG  
AAGCAGAAAAGAGGAGGAAGAGGCTGCAACAAGTAAAAGAGTCTAGGTGAGGAGCTCCTGGAACACTG  
ACAAGAGCTTTAGGAAAAGTAAGAAGAAAAAAGAAGAAGAAAGATGAGAGAGAGGGAACAGCTATAGG  
AAGTGAGGAGGAAGAGGCTGCAGGAGTGTGTGGCCTGCAGAAGTGCAGCAGAGCAATCTGATCAGTCT  
TCCAGGAAAAAAGAAGAAAAGGAGGAGGCCGACCATGAAGAAGAGGAAGAGATGGGAGTCTGTGATGAAG  
GAGGCAGAGATGTGACAGGCGGGCCAAAGGCAGTCAACAGTGGAGCAGATACAGATCCCTGGAGAAGCAG  
CAAGAAGCGACAGACATGTGAGGAGGACTTGGATACCCAAGATGAAGAAGATAAGGATGACCTAACAAAA  
AAAGAGAGAAAAGTCAAGAAAAAGACAAAAAGAAAAGACAGCAGTACTGTGAGGAGGTCTTGGATGTA  
GCAACAAAGATGATGGCAGGACTTGGGAAGCAGAGGATGGAGGTGAGAGAAGTCAGCCACACCCAAAGGC  
GAGAGCCAAAAAAGAAGCGGAAGACAGACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001024979
<b>Insert Size:</b>	1224 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001024979.1</a></u> , <u><a href="#">NP_001020150.1</a></u>
<b>RefSeq Size:</b>	1903 bp
<b>RefSeq ORF:</b>	1224 bp
<b>Locus ID:</b>	295228
<b>UniProt ID:</b>	<u><a href="#">Q566R3</a></u>
<b>Cytogenetics:</b>	2q34