

Product datasheet for **RN203954**

Gpatch2l (NM_001134559) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpatch2l (NM_001134559) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gpatch2l
Synonyms:	RGD1308907
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203954 representing NM_001134559
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATGAGCTGGTGCATGACTTAGCCTCAGCCTTGGAGCAGACATCTGAGCAGAGTAAGCTTGGTGGAGC
 TGTGGGAGGAGATGGCCCTGAGCCCGAGACAGCAGAGGCCGGCAGCTTCGGAAGCGCCGAGGCCGGAAGCG
 CCGTTCGGACTTTACTCACCTGGCTGAGCACGCCTGCTGCTTCAGCGAGGCCCTCTGAGTCAAGTCTGGAT
 GAGGCCACCAAGGACTGTCGAGAAGTGGCTCCGCTCACCAACTTCAGTACTCTGATGACACAGTGGTGG
 CCAAACGGCACCCAGCTCTCAGTGCCATCGTTAGGGGTAAGCAGCACTCTTGGCATGAATCTGACTCCTT
 TACGGAAAATGCGCCTTGTGACCCCTCAGGCGCCGGCGGAAGGTGAAGAGAGTGGCATCCGAGGTGGCT
 GCCAGCCTTCAGCAGAAGCTGAAAGTGTGAGTGGAGCTATGAGAGAGGCTGCAGGTTCAAGTCTGCCA
 AGAAGCAGCGTTTATCCCGATGGAAGGAGAATACTCCCTGGACCTCATCTGGCCATGGGCTGTGTGAATC
 AGCAGAAAAGTCGGACTTTCCTAAGCAAAACAGGAAGGAAAGAAAGGATGGAGTGGAAAGCAGAGGGGACAG
 AAACACGGCTCCGACGAGAACATGTCCGAAAGTAAACTAGCAGTGTGTGACGACGAGCGACACGGGGC
 TCTTACCAATGATGAAGGGCGTCAAGGGGATGATGAGCAGAGTGATTGGTTTTATGAAGGAGAATGTGT
 CCCCATTACTGTCCATAACCTTCTGCCAAGTGGGCTCCTGATCACTGCACTGAAGTAGAAAGGATG
 GACTCCGGACTGGATAAACTCTCAGATTCCACATTCCTTTACCTTCCCGCCAGCTCAAAGAGGATACC
 ATGGTCGCTGAATCGGTTGCCAGGAGCTGCAGCTCGGTGCCAGGAAGGGCGGAGAAGGCTGGCTGG
 GAAGGAGACCGGCATAAGCAGCTGGGAACCGAGAGGATCGGCCACCCGTCAGTGACCCCGGCAGACG
 GATTTCTGGTTGCCATCAGCTGGGAAAAGAGAACGCCATCAGTTAATCCACTCTCTCTTTACTCCC
 TGGATGTTCTTGCTGATGCCTCTCATCGAAGGTGCTCACCCGCACACTGCTCTGCCAGGAGCAAGTGT
 AACTGGGGACCCCATGCTCAGTGCATTAAGGAAACGGAACCTGTGGCCCTCAGCATCTTTTCT
 AGCCCTAGTACAGGGCACCCAGATGTCCTAGAGCCAGCCATCCAGCACAGAAGCCTCCTGACTCAGAGT
 GGTGGACGGACCTCTGCAGCAGAGAAAACCACTGCCTTCTCCAGCCACATTTTTCAAATGCCACA
 GGAAAAGAGCTCTGGATGCAGCTAG

ACCGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001134559

Insert Size: 1425 bp

OTI Disclaimer: 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).

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_001134559.1, NP_001128031.1
RefSeq Size: 3000 bp
RefSeq ORF: 1425 bp
Locus ID: 314325
Cytogenetics: 6q31