

Product datasheet for **MC227574**

Gpatch4 (NM_001286857) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpatch4 (NM_001286857) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gpatch4
Synonyms:	2610029K21Rik; Gpatc4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC227574 representing NM_001286857 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTGTCACCCAGAGGTCAAGAGCCGTGGGATGAAGTTTGCTGAAGAGCAGCTGCTGAAGCATGGAT
GGACTCAAGGCAAGGGCCTGGGCCGAGGGAGAATGCCATTACCCAGGCCCTCAAGGTGACTGAAAGCA
AGATAACCATGGGGTGGGACATGACCCTGCCAAGGAATTTACAGACCACTGGTGGAGTGATCTTCAAC
AAGACTGCCGCCAGCTTGGTAGTGGACTCGGGGAAGGATGGAGTGCAGATAAGACGCTTTTCCAAGGAGA
CCACCCAGCGCAGTCACCCAAACCCAGCTTGCTGTATCAGAAGTTTGTGAAGACAGCCACACTAACCTC
GGGTGAGGAGAAGCCTGACAGAGACTTGGGGAAGTGCAGTGATGTTGACAACCATGAGCCCACGCCCCCA
AAGATTCTGACTGATGAGATGCTACTCAAGGCTTGCGAGGGGCGAACAGCACACAAGGCTGCCCGGATTG
GTATCACCATGAAGGCCAAGCTTCTCGCTGGAGGCCAAGAGCAGGCCCTTCTGGCTCAGCTCAAAGG
CTCAAAGGCTCTGGGCACCTCTCAACCACTGACTGACAGTGAGCCTTCCCAAAAAAGAAAAAGAGAGG
AAGCAGAAAGAGGGGGAAGAGGCTGCAACAAGTAAAAGAGTCTAGGTGACGAGCTGCTGGGACACACGG
ACAGGAGCTTCAGGGACAGCAGGAAGAAGAAGAGGCGAAGCCGAGAGACAGGGAACGGCTATAGG
AAGTGAGGAGGAAGAGGCTGCAGGAGAGAGTGGGCCAGAGAAGTGAAGACAGGAGATGGGAGCTGTGATGAAG
TCCAGGAAAAAGAAAAAGGAGGAAGCAGCGCCATGAAGAAGACGGGGAGATGGGAGCTGTGATGAAG
GAGGTAGAGATGTGACAAGCCGGCCAAAGGCAGTCAACAGTGGAGGAGACAAGACCCAGGGAAGCAG
CAAGAAGCGAGGGACGTGTGGGAGGACTTAGATACCCAAGAGGAAGAAGGGAAGGATGACCTAACAAAA
GGAGAGAGAAAGGTCAGAAGAAAAGACAAAAGGAAAAGACAGCAGTGCTGTGAGGAGGACTTAGATGTAA
GCAGTAAAGATGATGGTGGGACATGGGTAGCAGAGGATGCAGGTGAGAGAAGTCGGCAATACCCAAAGGA
GAGAGCCAAAAAGAAGACGGGAAGAGGGACCGAGGGTCTGAAGTGGATCTCAGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAAGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001286857
Insert Size:	1248 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001286857.1, NP_001273786.1</u>
RefSeq Size:	2250 bp
RefSeq ORF:	1248 bp
Locus ID:	66614
UniProt ID:	<u>Q3TFK5</u>
Cytogenetics:	3 F1