

Product datasheet for SC113807

GPATCH1 (NM_018025) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPATCH1 (NM_018025) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPATCH1
Synonyms:	ECGP; GPATC1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113807 sequence for NM_018025 edited (data generated by NextGen Sequencing)

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ATGGCGGCGCGGACAGTGACAGCGAAGAAGATCTGGTCAGCTATGGGACCGGGCTGGAG
CCTCTGGAAGAAGGTGAAAGACCAAGAAACCAATCCCTCTTCAGGATCAGACTGTCAGA
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TACTTCAATACTGTTGGCTCAAAGAAGGATGGACACCCTCTACCTTTGTGTCTTCACGA
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AGCAACTTCAAGCCTTTCGCCAAAGATCCGGAAAAAGCAAAAGCGATACGACGAGTTCCTTA
GTACACATGAAACAGGGTCAGAAAGATGCTCTGGAACGCTGTCTGGACCCAGCATGACA
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GACAGCAGCGACAGCCAGAGTGACGAGGAAACCGCAGAGCTGTCGCCCCAGGAGCTGCTG
AGACGGCTGAAAAGTCTTCCACTAAGAAGGCAGTAA
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Clone variation with respect to NM_018025.2
1264 c=>t

**5' Read Nucleotide
Sequence:**

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>OriGene 5' read for NM_018025 unedited
TATTTTGTAAATACGACTTACTATAGGGCGGCCGGAATTCGGCACGAGGGGTTTCGGGAG
GAGAAAGAGGAAAGGCGTTTGGCCTGCCAAGGCCGCCGTAGCGAGGGGGCGGGCCCGGA
AGAGCAGGATGGCGGCGCGGGACAGTGACAGCGAAGAAGATCTGGTCAGCTATGGGACCG
GGCTGGAGCCTCTGGAAGAAGGTGAAAGACCAAGAAACCAATCCCTCTTCAGGATCAGA
CTGTGAGAGATGAAAAAGGAAGGTATAAACGATTCCACGGGGCCTTTAGTGGAGGTTTCT
CTGCTGGATACTTCAATACTGTTGGCTCAAAGAAGGATGGACACCCTCTACCTTTGTGT
CTTCACGACAGAACAGAGCAGACAAATCTGTTCTTGGTCTGAAGATTTTATGGATGAAG
AGGATCTTAGTGAATTTGGGATAGCACCTAAAGCGATTGTCACCACAGACGATTTTGCCT
CCAAAACCAAAGACAGAATACGAGAAAAGGCTAGGCAGTTGGCCGCTGCTACTGCCCTTA
TTCCTGGAGCCACCCTCCTTGATGACCTCATAACGCCAGCAAAATTATCTGTTGGTTTCG
AATTGCTAAGAAAAATGGGTTGGAAAGAAGGACAANGAGTTGGTCTCGAGTAAAGAGAC
GGCCACGCCGACAGAAACCTGATCCTGGAGTCAAATCTATGGCTGTGCATTACCCCTG
GAAGCTCGGAAGGATCTGNAGGTGAAGATGATGACTACTTGCCTGATATGTGACCTTTGC
ACCAAAGATGCACACCTGTGGGATTACACCTAANGATATGTGCATGGTCTANCTTACAA
GGCCTGGATCCCACCAGCACTGNTTGGNACTCCGGGAGACATTTAATCTTTCAGGGTGGG
TCTGAAGAGCTGCCGATCTGAGAATTGACTGTATAAGAGAAATGGGAATTCAGCCAGCCT
TTGTGTAGGGCCTCGAAAGAAATATGAATA
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_018025 unedited <pre> NNAATCACTGTGNACCGCGGCCCTTCTAGGATCGAGTTTTTTTTTTTTTTTTCAG GTTTTAAAAATTATTTACAGCAGGGAATTTACATATAAATACACTCTGTACAATGCGTT AACTGAACAATCACTGGGCTTCCATCATGGAGGAGAAATGATTCTAGGACGAGCCAGGGC AGCATTCAATTAATGCTTCTTAGTGGAAGACTTTTCAGCCGTCTCAGCAGCTCCTGGGG CGACACGTCTGCGGTTTCTCGTCACTCTGGCTGTCGCTGCTGTCGGAACCTCTCGGAGCT ACTACTTTTCTCTGTTTTTTTATTCTTTTGCCTTTGTGTTTGTGCTTCTCTGTGTTT CTTTTTCTTCTTTTCTCCGCTGTGCTCTTTCTTGGCCTTGTGCTTGTCTTTGTCTT TTTATGTTTCTTTTTGAGGAACCTCAAGTGTCTGACGAGCATTGGGGCAGAAGACGGG AGGCAGCCGCGGCCCAACTCTTCTTTTCTATCTATCTGCATCTTTGTATCGGGAAGGA AGGTGGCGGCTCTGGGGTGCTGGCACAAGAGCGTGAGCCACAGATGATGTTTCCCCAA GTCAGTGTCTTGGGAGCTTTGGAAGTTGGCCTCCCGAGAGCCTGCCTGATCATCTTCACT GTCACCTTGCTCATCTCGGAGGATGAGGACTTTTCATCTGAGGAAGTGGCAAAGATGGC CCTGAATAAGTCCATGGATGGGCGGCTCCCTTCTCCTTCAGCCTGTGCGTCCACATCTT GTTGACGCTGATTTGCGGATAATTCTGGTGCATGCTTCTCTTTGTTTACTAAGGG GCTGGACTGTTGTTAAGTGGCTCGGCTTTTGATCTAGCCAAACTAAAAATCACTATG GAATCTTCTTCT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_018025
Insert Size:	3200 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:	<u>NM_018025.2</u> , <u>NP_060495.2</u>
RefSeq Size:	3390 bp
RefSeq ORF:	2796 bp
Locus ID:	55094
UniProt ID:	<u>Q9BRR8</u>
Cytogenetics:	19q13.11
Domains:	G-patch