OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC207210

GPATCH3 (NM_022078) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	GPATCH3
Synonyms:	GPATC3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_022078
Insert Size:	552 bp

Insert Sequence:

>SC207210 3'UTR clone of NM_022078
The sequence shown below is from the reference sequence of NM_022078. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCTTCAGACAGCCCCTCATTGCCTGACTGACCGGGTTGGGGGCTTCCTTTCATAGCTACATGATGAAAA
CCCTCTGCCCTGGCCTCATCTACCACTGAAGCAGAAAGGAGTCTGGGAGCAGCAGTCTTCGTGGCTGGT
TCAGGGTGTTTTGTTCCGAGCCTGCCTGCCTGCCGGTTCTATACCTCAGGGGCATTTTTACAAAAAGCC
CCCTCCCGTCCCCTCCCCTTGGATATTAGGGGTAACGACCGCTTGTCTTTGGTCTCTAACCCTAATCTC
TGGGCTTGCCCTTTGCCTCCTGCAGAACTTTGAAAAGCTGGGTTGAGTGAGGCTATCAGCACAGCCTTC
CTTGGGGACTCTGAAGGTGTCCCCACGAAGGCCAGAAAGGGGGAAAGGGACCTGGGCGAGGAGAGGATT
TGTGGTGCTTGGAAGAGCCGGCCTTGGGTGGGCCCTCCACCGCCTCTACCCTCACTGGGTGGGACTGCC
AGCGGAGAGTCCGCGGGAGGTGGCTTGGGTGTGCGACGTCACGGAAGAATAAAGACGTTTACTACTGGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

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Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_022078.3

Summary: Involved in transcriptional regulation. It is able to activate transcription from the CXCR4 promoter and therefore it might control neural crest cell migration involved in ocular and craniofacial development (PubMed:28397860). Is a negative regulator of immune antiviral response, acting via down-regulation of RIG-I-like receptors signaling and inhibition of type I interferon production. The control mechanism involves interaction with mitochondrial MAVS and inhibition of MAVS assembly with downstream proteins implicated in antiviral response, such as TBK1 and TRAF6 (PubMed:28414768).[UniProtKB/Swiss-Prot Function]

Locus ID: 63906

MW: 19