

Product datasheet for RC220147L4

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GPATCH2 (NM_018040) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: GPATCH2 (NM_018040) Human Tagged Lenti ORF Clone

Tag: mGFP

Symbol: GPATCH2

Synonyms: CT110; GPATC2; Pfa1; PPP1R30

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide

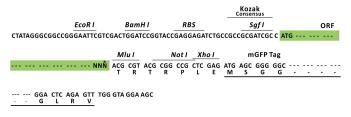
The ORF insert of this clone is exactly the same as(RC220147).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_018040

ORF Size: 1584 bp





GPATCH2 (NM_018040) Human Tagged Lenti ORF Clone - RC220147L4

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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 018040.1</u>

 RefSeq Size:
 2338 bp

 RefSeq ORF:
 1587 bp

 Locus ID:
 55105

 UniProt ID:
 Q9NW75

Cytogenetics: 1q41

Domains: G-patch MW: 58.8 kDa

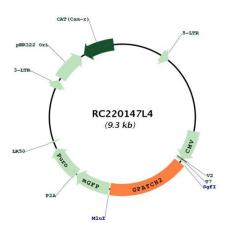
Gene Summary: The gene encodes a nuclear factor that may play a role in spermatogenesis and in tumor

growth during breast cancer. The encoded protein contains a G-patch domain with an RNA binding motif. Alternative splicing results in multiple transcript variants. [provided by RefSeq,

Feb 2017]



Product images:



Circular map for RC220147L4