

Product datasheet for RC205900L4

OriGene Technologies, Inc.

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Epiphycan (EPYC) (NM_004950) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Epiphycan (EPYC) (NM_004950) Human Tagged Lenti ORF Clone

Tag: mGFP

Symbol: Epiphycan

Synonyms: DSPG3; Pg-Lb; PGLB; SLRR3B

Mammalian Cell

Selection:

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

Puromycin

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

ORF Nucleotide

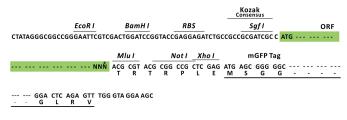
The ORF insert of this clone is exactly the same as(RC205900).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_004950

ORF Size: 966 bp





Epiphycan (EPYC) (NM_004950) Human Tagged Lenti ORF Clone - RC205900L4

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 004950.3</u>

RefSeq Size:1594 bpRefSeq ORF:969 bpLocus ID:1833

 UniProt ID:
 Q99645

 Cytogenetics:
 12q21.33

Domains: LRRNT, LRR, LRR TYP

Protein Families: Secreted Protein

MW: 36.58 kDa

Gene Summary: Dermatan sulfate proteoglycan 3 is a member of the small leucine-rich repeat proteoglycan

family. This gene is composed of seven exons. It regulates fibrillogenesis by interacting with

collagen fibrils and other extracellular matrix proteins. [provided by RefSeq, Jul 2008]