

Product datasheet for RC218650L3

OriGene Technologies, Inc.

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PARVB (NM_001003828) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: PARVB (NM_001003828) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: PARVB

Synonyms: CGI-56

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

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

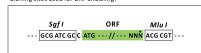
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC218650).

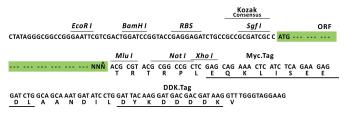
Sgfl-Mlul

Sequence:

Restriction Sites: Cloning Scheme:

Cloning sites used for ORF Shuttling:





st The last codon before the Stop codon of the ORF.

ACCN: NM_001003828

ORF Size: 1191 bp



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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 001003828.1</u>, <u>NP 001003828.1</u>

 RefSeq Size:
 1808 bp

 RefSeq ORF:
 1194 bp

 Locus ID:
 29780

 UniProt ID:
 Q9HBI1

 Cytogenetics:
 22q13.31

Protein Pathways: Focal adhesion

MW: 45 kDa

Gene Summary: This gene encodes a member of the parvin family of actin-binding proteins, which play a role

in cytoskeleton organization and cell adhesion. These proteins are associated with focal contacts and contain calponin homology domains that bind to actin filaments. This family member binds to alphaPIX and alpha-actinin, and it can inhibit the activity of integrin-linked kinase. This protein also functions in tumor suppression. Alternative splicing of this gene

results in multiple transcript variants. [provided by RefSeq, Aug 2011]