

Product datasheet for **SC331998**

PARVB (NM_001243386) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PARVB (NM_001243386) Human Untagged Clone
Tag: Tag Free
Symbol: PARVB
Synonyms: CGI-56
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331998 representing NM_001243386.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTCCCCGCCCTGGTGGATGTTACCCTGAAGACACCCAGCTTGAGGAGAACGAGGAGCGCACGATG
ATTGACCCCACTTCCAAGGAAGACCCCAAGTTC AAGGAAGTCAAGGTCAAGGTCTCTCGACTGGATTAAT
GACGTGCTGGTGGAGGAGAGGATCATTGTGAAGCAGCTGGAGGAAGACCTGTATGACGGCCAGGTGCTG
CAGAAGCTCTTGGAAAACTGGCAGGGTGAAGCTGAATGTGGCTGAGGTGACACAGTCCGAAATAGGG
CAGAAACAGAAGCTGCAGACGGTGTGGAAGCAGTACATGACCTGCTGCGGCCCCGAGGCTGGGCGCTC
CGGTGGAGCGTGGACTCAATTCACGGGAAGAACCTGGTGGCCATCTCCACCTGTGGTCTCTCTGGCC
ATGCACCTCAGGGCCCCATCCGCCTTCTGAGCATGTAACGGTGCAGGTGGTGGTCTGCGGAAACGG
GAAGGCCTGTGCATTCCAGCCACATCTCGGAGGAGCTGACCACAACACAGAGATGATGATGGGCCGG
TTGAGCGGGATGCCTTCGACACGCTGTTTCGACCACGCCCCGGATAAGCTCAGCGTGGTGAAGAAGTTT
GCAGATGGCGTGTACCTGGTCTGCTCATGGGCTTCTGGAAGACTACTTTGTTCTCTCCACCCTTC
TACCTGACTCCGAAAGCTTCGATCAGAAGGTCCACAATGTGTCCTTCGCTTTGAGCTGATGCTGGAC
GGAGGCCTCAAGAAACCAAGGCTCGTCTGAAGACGTGGTTAACTTGGACCTCAATCCACCCTGAGG
GTTCTTTACAACCTGTTCAACCAAGTACAAGAACGTGGAGTGA
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Restriction Sites: Sgfl-Mlul
ACCN: NM_001243386
Insert Size: 870 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).



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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: [NM_001243386.1](#)

RefSeq Size: 1554 bp

RefSeq ORF: 870 bp

Locus ID: 29780

UniProt ID: [Q9HBI1](#)

Cytogenetics: 22q13.31

Protein Pathways: Focal adhesion

MW: 33.3 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]
Transcript Variant: This variant (4) differs in the 5' UTR, lacks a portion of the 5' coding region, uses a downstream alternate start codon, and lacks an alternate in-frame exon in the 3' coding region, compared to variant 1. The resulting isoform (d) is shorter at the N-terminus, compared to isoform a.