

Product datasheet for **MC212332**

Parvb (NM_133167) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Parvb (NM_133167) Mouse Untagged Clone
Tag: Tag Free
Symbol: Parvb
Synonyms: affixin; AI595373; AW742462; D15Gsk1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212332 representing NM_133167
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCCTCGCGCCACCACGGTCGCCACCCCGGGCCCCAAGATGAAGAAGGACGAGTCTTTCTTGG
GCAAGTTGGCGGCACACTGGCAAGGAAGAAGAAGACCAGGGAGGTGACTGACTTACAGGAAGAAGCAA
GAGCGCCATCAACTCTCAATGGCCCCGGCTTTGGTGGACATTCACCCTGAAGACACCCAGCTAGAGGAG
AATGAGGAGCGTACCATGATCGATCCCACCTCTAGAGAAGACCCCAAGTTCAAGGAGTTGGTCAAGGTAC
TTCTGGACTGGATCAACGATGTGCTGGCAGAGGAGCGCATCATTGTGAAGCAGCTGGAGGAGGACCTGTA
CGATGGCCAGGTGCTCCAGAAACTTCTGGAAAAGCTGGCGCACTGCAAGCTGAATGTGGCAGAGGTGACG
CAGTCCGAGATCGGGCAGAAGCAGAAGTTGCAGACGGTTCTGGAAGCCGTGCAAGACCTGCTTCGGCCCC
ATGGCTGGCCGCTGCGTTGGAATGTGGACTCTATCCATGGGAAGAACCTAGTGGCCATTCTGCATCTCCT
CGTCTCCCTGGCCATGCACTTCAGGGCCCCCATCACCTCTCTGAGCATGTCACCGTGCAGGTGGTGGTC
GTTCCGAAGCGAGAAGGCTTGTGCACTCCAGCCACATCTCAGAGGAGCTGACCAGCACACAGAGATCA
TGATGGGCCGGTTTGAGCGGGACGCCTTCGATACTCTTTTCGACCACGCCCGGACAAGCTCAACCTTGT
GAAGAAGTCTCTCATCAGTTTTGTGAACAAACACCTGAATAAGCTAAACTTGGAGGTGACTGACCTGGAG
ACCCAGTTTGAGATGGTGTGTACCTAGTTCTACTTCTGGGCCTTCTTGAAGACTACTTTGTCCCCCTTC
ACAACCTTCTACCTGACTCCTGACAGCTTTGACCAGAAGGTGCACAACGTGGCCTTTGCCTTTGAACTGAT
GCTGGATGGAGGCTCAAGAAGCCCAAGGCACGCCCTGAAGATGTGGTGAAGTGGACCTCAAGTCCACT
CTGCGGGTCTTTACACGCTGTTACCAAGTACAAGGATGTGGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_133167



Insert Size:	1098 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).
Reconstitution Method:	<ol style="list-style-type: none">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_133167.3</u> , <u>NP_573395.1</u>
RefSeq Size:	3705 bp
RefSeq ORF:	1098 bp
Locus ID:	170736
UniProt ID:	<u>Q9ES46</u>
Cytogenetics:	15 E2
Gene Summary:	Adapter protein that plays a role in integrin signaling via ILK and in activation of the GTPases CDC42 and RAC1 by guanine exchange factors, such as ARHGEF6. Is involved in the reorganization of the actin cytoskeleton and formation of lamellipodia. Plays a role in cell adhesion, cell spreading, establishment or maintenance of cell polarity, and cell migration (By similarity).[UniProtKB/Swiss-Prot Function]