OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC207539

Parva (NM_020606) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Parva (NM_020606) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Parva
Synonyms:	2010012A22Rik; 5430400F08Rik; Actp; AI225929; AU042898; CH-ILKBP; Parvin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC207539 representing NM_020606 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGCCACATCCCCACAGAAGTCGCCCTTGGTCCCCAAATCACCCACTCCCAAGTCGCCTCCGTCCCGCA AGAAGGATGACTCGTTCTTGGGGAAACTCGGAGGGACGCTGGCCCGGAGGAAGAAAGCCAAAGAAGTATC CGAGTTCCAGGAGGAAGGAATGAACGCCATCAACCTGCCTCTTAGCCCCATCTCCTTCGAGCTGGACCCC GAGGACACTCTGCTGGAGGAGAATGAGGTCCGGACAATGGTCGATCCAAACTCACGCAATGACCCCAAAC TTCAAGAGCTGATGAAGGTGCTCATCGACTGGATCAATGACGTATTGGTGGGAGAAAGAATCATCGTGAA GGACCTCGCTGAAGATCTCTATGATGGCCAAGTCCTACAGAAGCTCTTCGAGAAACTGGAGAGTGAGAAG CTCAACGTGGCCGAGGTTACGCAGTCGGAGATCGCCCAGAAACAGAAGCTACAGACTGTGCTGGAGAAGA TCAATGAGACCCTGAAGCTTCCTCCCAGGAGCATCAAGTGGAACGTGGACTCTGTTCATGCCAAGAACCT GGTTGCCATCCTCCACCTGCTGGTTGCTCTGTCTCAATATTTCCGGGCACCCATCCGACTCCCAGACCAT GTTTCCATCCAAGTGGTTGTGGTCCAGAAACGAGAAGGGATCCTCCAGTCTCGACAAATCCAAGAGGAAA TAACTGGTAACACAGAGGCCCTTTCCGGAAGGCATGAACGTGATGCCTTTGACACGCTGTTTGACCATGC ACCAGACAAACTCAATGTGGTGAAGAAGACCCTCATCACGTTCGTGAACAAGCATCTGAATAAACTGAAC TTGGAGGTCACAGAACTGGAGACACAGTTTGCAGATGGGGTTTACCTGGTGTTGCTCATGGGGCTCCTGG AAGGCTACTTTGTACCCCTGCACAGCTTCTTCCTGACCCCAGACAGCTTTGAACAGAAGGTCCTGAATGT CTCCTTTGCCTTTGAGCTCATGCAAGATGGAGGGCTGGAAAAGCCTAAACCGCGGCCAGAAGACATTGTC AACTGTGACCTGAAGTCCACGCTGAGAGTGCTATACAACCTCTTCACCAAGTACCGGAATGTGGAGTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_020606

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Insert Size:	1119 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:	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_020606.5, NP_065631.3
RefSeq Size:	4450 bp
RefSeq ORF:	1119 bp
Locus ID:	57342
UniProt ID:	Q9EPC1
Cytogenetics:	7 F1
Gene Summary:	Plays a role in the reorganization of the actin cytoskeleton, formation of lamellipodia and ciliogenesis. Plays a role in the establishement of cell polarity, cell adhesion, cell spreading, and directed cell migration. Plays a role in sarcomere organization and in smooth muscle cell contraction. Required for normal development of the embryonic cardiovascular system, and for normal septation of the heart outflow tract. Plays a role in sprouting angiogenesis and is required for normal adhesion of vascular smooth muscle cells to endothelial cells during blood vessel development.[UniProtKB/Swiss-Prot Function]

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