

Product datasheet for **SC112813**

Parvin gamma (PARVG) (NM_022141) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Parvin gamma (PARVG) (NM_022141) Human Untagged Clone
Tag:	Tag Free
Symbol:	PARVG
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_022141, the custom clone sequence may differ by one or more nucleotides

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ATGGAGCCGGAGTTCTTGTACGACCTGCTGCAGCTCCCCAAGGGGTGGAGCCCCAGCGGAGGAGGAGC
TCTCAAAGGAGGAAAGAAGAAATACCTGCCACCACTTCCCAGGAGACCCAAATTTGAAGAAGTGA
GAAGGTGTTGATGGAGTGGATCAATGCCACTTCTCCCCGAGCACATTGTGGTCCGCAGCCTGGAGGAG
GACATGTTTCGACGGGCTCATCTACACCACCTATTCCAGAGGCTGGCGGCCTCAAGCTGGAAGCAGAGG
ACATCGCCCTGACAGCCACAAGCCAGAAGCACAAGCTCACAGTGGTCTGGAGGCCGTGAACCGGAGTCT
GCAGCTGGAGGAGTGGCAGGCCAAGTGGAGCGTGGAGAGCATTTCAACAAGGACCTGTTGTCTACCCTG
CACCTCCTTGTGGCCCTGGCCAAGCGCTTCCAGCCGACCTCTCCCTCCAACCAACGTCCAGGTGGAGG
TCATCACTATCGAGAGCACAAAAGTGGTCTGAAGTCAAGAGAGTTGGTGAACAGCTCACTGAATACAG
CACAGACAAGGACGAGCCTCAAAGGACGTCTTTGATGAATATTTAAGCTGGCTCCGGAGAAAAGTGAAC
GCAGTGAAGAGGCCATCGTGAACCTTTGTCAACCAGAAGCTGGACCGCTGGCCCTGTCTGTGCAGAATC
TGGACACCCAGTTTGCAGATGGGGTCACTTACTTCTGCTGATTGGACAACCTGAAGGCTTCTTCTGCA
CTTAAAGGAATTCTACCTCACTCCCAACTCTCCTGCAGAAATGCTGCACAACGTCAACCTGGCGCTGGAG
CTGCTGAAGGACGAGGGCCTGCTCAGCTGCCCTGTGAGCCCTGAAGATATCGTGAACAAGGATGCCAAGA
GCACACTGAGGGTGTCTATGGTCTGTTCTGCAAGCACACGCAGAAGGCACACAGGGACAGGACGCCCA
TGGAGCCCCGAATTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_022141 unedited
 GGATTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGAGAGTCCAG
 CTTCACTTTACGGCATCCACCCCTCGGGCCCTGCCGAGAGAGGAGGAAGCTCCTGC
 CGGCTGAGCGGGCCTGGAGGAAGTGAGCAGCGGGCTCCTGCCACCCGGCCTGGTCCCCG
 AAGACCCAGAAGAACC CGGAAC TTGCTTCCATTCCGAATCCAGGGACCACCTTTGCAC
 TCAGTAGGCCTTTGTTTTCTCGCTGAAAGCGTTGGGCTTGGGAGGCGATGGAGCCGG
 AGTTCTTGACGACCTGCTGCAGCTCCCCAAGGGGTGGAGCCCCAGCGGAGGAGGAGC
 TCTCAAAAGGAGAAAGAAGAAATACCTGCCACCACTTCCCGAAGGACCCCAAATTTG
 AAGAAGTGCAGAAGCACACCTGGCCAGCCCTGTGACTGGCACTGGGGACACCATCCGTG
 GTCTTGCCCGAAGACCTGGTGAGGTGCTGACATGTCGTCTCAGCTCGGTCTCCTCCACA
 GGCTGATCCAGAGACAAGGATTTGGATGCCAGTAGTTGAGTTGGGAGTTATCCAGGGG
 TCATGGGAGGGAAGGGCCAACACATGGTTAGTGATGGAGCTGGTCATGGTTCTGGGGGC
 TCAAGCCTGCTGGGTACCCTGGAGCCAGCATAGAGCAAGTTCAGTGCATTCTGCCCAAG
 GCGGATGGAGCTGGGTATTTATACACCACCACCCTGCCCGACAACCTCCTGACAACC
 TTTAGTGACAGCTGCTCCCTGAGAAAGGCTGGGCCTTGATTCCCTGGCCTCTGACCCTTT
 GAGCCAGCANAGTGGGACAGTTTCAG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_022141 unedited
 CACGCGCACGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTCCCAAATACTTT
 TATTAATAAACTGAGCAAGGCCAGGCGTTCAAATGATCCACACAAGGGGTTCAA
 GATAATCCAACGATGGAGACAGGAGACAGGGTGGGAGGGAAGCGGTCACGAATGCACAG
 GAAACAGCGGGACTGTGGGAGGACACCCTGCAGCCTCGGGCCCTCCATCTGGGCTGACAG
 GCAGGCTCTGGGCTTTGGAGGACAGTGGGGTCAATTCGGGGCTCCATGGGGCGTCTGTC
 CCTGTGTGCCTTCTGCGTGTGCTGCAGAACAGACCATAAGCACCCGACAGTGTGCTCTT
 GGCATCCTTGTTACGATATCTTCAGGGCTGACAGGGCATCTGATCAGGCCCTTGTCTT
 CAGCATCTCCATCGCCAGGGTACGTTGTGCATCCTTTCTGCAGGAGAGTTCGGAGTGA
 GGTAATAATCCTTTAAGTGCAGGAAAAAACCTTTAAGTTGTCCATTCTCAAGAGTTAGA
 TGACCCCATTTGCAAACCTGGGTGTCACATTTCTGCCAGACAGGCAATCCGGTCCAGCT
 TTTGGTTGACAAATTTCCGATGGCCTCTTTCATGGGTTCACTTTTCTCCGTCGCCAGCCTT
 ATTTATCCATTCAAACCTCCTCTCGCTAGGCCTCCCTCGTCTGGCCTGATCCCGGGACC
 TGTACCATCCATTATCTGGACTTTGAACCGTTTGGGGCCCCAATAAGAGATCCCCCT
 TATCCTGCACTTTGTCTCGTAAAGGATTAATTCTGCCTCTGATTTTCTCTTCTCCCGCT
 CCCAATGCTTGTGCATGGTCTCATATCTTCTCCTTTTCTAAATGTATTATACGTTAA
 CTTATTCTGTCACTACTCCTATTTTTCTTCTCTCTCTTTTTTATCTTCTTATCGT
 CTCTACTCTCACTCAT

Restriction Sites:

NotI-NotI

ACCN:

NM_022141

Insert Size:

2800 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:	NM_022141.4 , NP_071424.1
RefSeq Size:	1629 bp
RefSeq ORF:	996 bp
Locus ID:	64098
UniProt ID:	Q9HBI0
Cytogenetics:	22q13.31
Domains:	CH
Protein Pathways:	Adherens junction, Arrhythmogenic right ventricular cardiomyopathy (ARVC), Dilated cardiomyopathy, Focal adhesion, Hypertrophic cardiomyopathy (HCM), Leukocyte transendothelial migration, Pathogenic Escherichia coli infection, Regulation of actin cytoskeleton, Tight junction, Vibrio cholerae infection, Viral myocarditis
Gene Summary:	<p>Members of the parvin family, including PARVG, are actin-binding proteins associated with focal contacts.[supplied by OMIM, Aug 2004]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>