

Product datasheet for MC223918

Pard3b (NM_001081050) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pard3b (NM_001081050) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pard3b
Synonyms:	1810008K04Rik; 2010002N16Rik; 2810455B10Rik; Als2cr19; PAR3B; PAR3beta; PAR3L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223918 representing NM_001081050 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGAAAGTGACAGTGTGCTTCGGGAGGACGGGCATCGTGGTGCCCTGCAAGGACGGCCAGCTCCGGGTCC
 GCGAGCTCAGGAGCAGGCGCTGCAGCGGTACCTGAAGACCCGGGACCAGGATCTGGATACTGGGTGAA
 GATTCATCACTTAGAATACACAGATGGAGGAATCCTGGATCCGGATGATGCTTAGCAGATGTTGTTGAA
 GACAAAGATAAGCTGATTGCTGTGTTTGACGAACAAGAGCCACTCCAAAAGACTGAGAGCCCCGGTGAA
 ACCCTGCGGATCGGCAGAGCCCAGATGCTTTCGAGACAGAAGTGGCTGCCCAACTGGCTGCATTTAAACC
 TGTGGTGGGAAATCGTAGTAACCCCTTCTGCTCTGAAGTTAGGCACTCCACTGCTGGTTAGGAGAAGC
 AGTGACCCAGCACCAGGGCCCCATGCTGATGCCAGCCAGCACTGCAAGCCTGAGTGGCCAGAGTTTGA
 AACCTGTTGTTCTGGATTCCACCCAGAAGCTGGAACAAAGAAGCTATGAATGGTGAACAGGCAGGGCT
 GCTTTCAGTGCACAGACCGAAGGATGAGCTGAGTGATATGACGAGAGCTGTGGAGATTTCTGGGGAAGGA
 GACCCCTGGGGATCCACGTGGTGCCCTTCTTTTCATCCCTGAGTGGCCGGATCCTAGGACTCTTCATCC
 GAGGCATTGAAGAAAACAGCAGGTGCAAGCAGGAGGGACTATTTCAAGGAGATGAGTGCATTGTAATAAT
 CAACAATGTGGAACCTCTGGACAAAACCTTTGCTCAGGCCCAAGATGTCTTCGCCAGGCAATGAAATCT
 CCCAGTGTGATTCTCATGTGCTTCTGCCTCAAACCGTGAACAATATGAAAAATCAGTCATTGGACCAC
 TCAACATTTTGGCAACAATGATGGGGCTTCGAGAACAAGGCAGCACCTCTGCCCGTGGGAAACCAAGG
 TCTGAAGGCAGTACATCTAACAAGAGCAGCAGCCCTGAAGGAGAAGAGCCAGCCTCCCCGAGCAAAAGC
 AAGAGTCCCCGGGTTCCAAGACTAGGAAGAAAACCTTCTCTCCCTCACTCTCTCTCTCATGGGTTTG
 GCAGCAAGAAAAATGCAAAAAAATTAAGATTGACCTAAAGAAAGGCCCTGAGGGACTTGGTTTCACTGT
 GGTAACCAAGAGATTCTTCTATACATGGTCTGCTCCATTTTGTAAAAAATCTTACCAAAAGGAGCA
 GCAGTAAAGGATGGCCGCTACAATCAGGGGACAGAATTTGGAGGTAATGGCAGAGATGTTACAGGAA
 GAACCAAGAAGAACTCGTGGCCATGTTAAGGAGCACCAAGCAGGAGAGACAGTGTATTGGTCATTGC
 CCGCCAGGAAGGAGCTTCTGCCCGAGAGCTGAAAGGAGAACCTGATTGTTATGCTCTCTCCCTGGAG


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TC AAGCGAGCAGCTCACCTTGGAGATCCCCCTGAATGATTCTGGCTCCGCTGGCCTGGGGGTTAGCCTGA
AAGGGAATAAGTCTCGAGAACTGGAAGTGAAGTGGGATTTTATCAAATCCATCATCCATGGAGGTGC
TGCTTTCAAGGATGGCGTCTCCGAATGAATGACCAACTGATTGCTGTTAACGGGGAACTCTTCTGGGA
AAGTCCAACCACGAAGCCATGGAACACTCAGGCGATCCATGTCCATGGAGGGAAACATCCGGGGCATGA
TCCAGTTGGTGATTCTGAGGAGACCTGAGAGACCACTGGAGGAGCTTTCAGAATGTGGAGCACTTCCAG
ACCAGGCTTTGAGAACTGTCAAGAAGCTCTGAGCACCTCCAGGCGAAATGATAGTAGTATATTATATCCG
TTTGGCACCTATAGTCCACAAGATAAAAGGAAAGACCTATTGCTTCCAGTGATGGGTGGGCTGAGAATG
AAGTACCACCGTCCCCGCCACCACATCCTGCTCTGGAATGGGGCTTGAAGATTTCAAGTCACAGCTCTGG
AGTGGAATTCACAGGATATTTCCAGATCAACATGTCAACTTCAGAACGGTGACACCAGTCAGGCAGCCC
GAATTGATTAACCTTAAAGCCTCCAAGAGCATGGACCTTGTGCCAGATGAAGGCAAAGTTCAAGTCGCTGG
CGGATCGCAGATCAGACTCTCCAGGCAAAGATTTTGGTCCAAGTTTGGGTCTGAAAAAGTCCAGTTCCCTT
GGAGAGCCTACAGACGGCTGTGGCTGAAGTCAGGAAGAATGATCTGCCCTTCCACAGGCCAGACCACAC
ATGGTGCAGGGCCGAGGCTGCAACGAGAGCTTCCGAGCAGCCATCGACAAATCGTACGATGGGCCAGAAG
AGGCAGACGCGGATGGTCTGTCTGATAAGAGCTCTCGCTCAGGCCACACAGCTCTGAATTGTGAGTCTGC
CCCTCAGGGAACCCGAGCTAGACAATGTGGAATAAAGCCAAAAACATCAAAAAACAAAAGAGAAG
GAGAAGAAAAAGGAAAGGGCAAGCTGAAAGTCAAGGAAAAAAGCTGAAGGAGGAACATGAGGACGCAG
AGAGGAAAAATGAAGAGGAAGGGCTTCGGTGCCATGCTGAGATTTGAAAAGAAAGATGATAAGGTCGG
AAAGGCTGAGCAGAAAGGTGCGCAGAAGTCCGGCCACCCGAGGAAGAGGAGCTGGAAAGATGAAAGAA
GAGAGAGAGAGGATTGGAGCAAAACATCAGGAGCTGAGAGAAAAGCAGGCAAGAGGCCTTGTGATTATG
CCACGGCAGTGACTGGACCAAGTGCACGATATGGACGATGACGAAATGGACCCCAATTATGCCAGAGTGAA
CCACTTTCGGGAACCATGTGCATCAGCAATGTCTTTAGATCTCCATCTCCCTTCGAGCTGGACCACTT
GCTTACCCTCGGGATGGGCGTCCACTGTCTCAGACCACTTAGAGGGTCTCTATGCCAAGGTCAACAAGC
CATATCATCCACCAGCCCTAGCTGACAGTGGCCGACCCATGGCTGGAACACGGACCGCATCCAGAAGCT
TCGGAAGGAGTATTACCAGGCTCGGAGAGAAGGGTTCTTTTGTATGAAGATGAAAACACAAGAGCACGG
CCATCTGACCATGACCTCCGCTGGGTGTCTGAAAGGGTCCAGATGGGAGCACACACAACCTCCGCTTTG
AGGGGATGGAGCGGCAGTACGCATCCTTACCCAGGGGAGGCTCAGCAGATCCCGTGGACTACCTGACAGC
TTCACCCCGAGGGCGCTACAATGACAGAGAGCTTCCATACTACCCAGGGCCTCATCTGTACATGCCCA
AGGGGGAGCTATCCCGCCCCCAGATCTGAGGGCAACAGATCTACGATACCCACAGTACTACCCACCCC
CACCAGCCCATCAGCACAAGGGCCCTTACAGCAAGATGTTCTCTTACCACCTCAGCACCAGCGAGT
ACCGGTCTACCAGGAGATGGGCAGAGCAGGGCCCCGAGGAGCAGCCCTGACCAATACCCCTATCGTAAC
CAGGATCCAGGCAGAAGAATCCCATGACTGCAGCGGTA TAG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001081050

Insert Size:

3612 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001081050.2, NP_001074519.2</u>
RefSeq Size:	8409 bp
RefSeq ORF:	3612 bp
Locus ID:	72823
UniProt ID:	<u>Q9CSB4</u>
Cytogenetics:	1 C2
Gene Summary:	Putative adapter protein involved in asymmetrical cell division and cell polarization processes. May play a role in the formation of epithelial tight junctions (By similarity).[UniProtKB/Swiss-Prot Function]