

Product datasheet for **MC207790**

Pard6g (NM_053117) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pard6g (NM_053117) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pard6g
Synonyms:	2410049N21Rik; Par6a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207790 representing NM_053117 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACCGGAGTTTTTCATAAGTCTCAGACCCTACGCTTCTACGACTGCAGCGCTGTGGAAGTCAAGAGCA
AGTTTGGCGCCGAGTCCGAAGTTCTCCTTGGACCGCCACAAGCCTGGGAAGTTGAAGATTTCTACCA
GCTGGTGGTGCACACCCACCACATCTCTAACCCGAGGTGACCATCGGCTATGCTGATGTGCACGGGGAC
CTGCTGCCATCAACAATGACGACAACCTCTGCAAGGCAGTCTCAAGTCAAACCCCTTGCTTCGAGTCT
TCATCCAGAAACGAGAAGAAGCAGACCATTACAGCTTCGGAGCAGGCACTCTGTACGGAAGAAAAAGGT
GCTGGTGAACCTGAGGGATGACGGTCTGCGTCGGCGTCCCCACCTCAACATCAGCATGCCGATGACTTC
CGCCAGTGTCATCCATCATTGACGTGGACATCCTCCCGGAGACGACCCGCCGAGTGAGGCTCTACAGAC
ACGGTTATGAGAAGCCACTGGGCTTCTACATTCGAGATGGCACCAGCGTGCAGGCTGACGCCCATGGGCT
AGAAAAGGTACCAGGTATCTTCAATTTCTCGAATGGTACCCGGGGCCCTTGCGGAGAGCACTGGGCTACTG
GCTGTGAATGATGAAGTCTGGAGGTGAATGGGATTGAGGTAGCTGGAAGACCTTGATCAAGTACAG
ACATGATGATAGCCAACAGCCACAACCTCATTGTCACTGTCAAGCCGGCAACCAAGGAACAATGTGGT
CCGACAGCAGCCGACGTCCGGCAGCTCTGTGATTCCACAGACAGCACCAGTCAACAGCCCTGCCA
GGTGCCCATGTCCTGCAGAATTTGAGGACGTGGAGAGTGACGAGGAAGCCGACATTTGATTGAAGGGG
CTCTAGAACCTCAACACATTTCCAAGACGACGGCTGTACCTCCAGGCAGCCTCTCCAGGGCCAATGGCAC
CAGCCTTGCTCACGGGCTGCACAGAAGGACATGAGCCTGCATAGCTCTGGGAGGAGAGCAACGGCAGC
ATCCACAGATTTCTCAGCTCTCTGAAGCCAGACCCCGACACAGCCTGGTCTCCCCAAGGAGGGGTGG
AGGAACATGGGCCAGCCATTACACT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_053117
Insert Size:	1149 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_053117.3 , NP_444347.3
RefSeq Size:	3143 bp
RefSeq ORF:	1149 bp
Locus ID:	93737
UniProt ID:	Q9JK84
Cytogenetics:	18 E3
Gene Summary:	Adapter protein involved in asymmetrical cell division and cell polarization processes. May play a role in the formation of epithelial tight junctions. The PARD6-PARD3 complex links GTP-bound Rho small GTPases to atypical protein kinase C proteins (By similarity). [UniProtKB/Swiss-Prot Function]