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 MC210065

Pard6a (NM_019695) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pard6a (NM_019695) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pard6a
Synonyms:	0710008C04Rik; 2610010A15Rik; Par-6; PAR-6A; Par6; PAR6alpha; Par6c; TAX40; Tip-40
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

```
>MC210065 representing NM_019695
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCAGGCCGCAGAGGACTCCGGCGCGCAGTCCCGATAGCATCGTCGAGGTGAAGAGCAAATTTGACG
CCGAGTTCCGACGCTTTGCACTACCCCGCACTTCGGTGAGAGGCTTTCAGGAGTTCTCGCGATTGCTGTG
TGTGGTACACCAGATCCCTGGCCTGGACGTCCTGCTTGGCTATACGGATGCTCACGGTGACTTGCTGCCC
CTCACCAACGATGACAGTTTGCACCGGGCCCTGGCCAGCGGGCCCCCACCTCTGCGCCTCTTGGTTCAGA
AACGGGCAGAAGGTGACTCGAGTGGCCTGGCTTTTGCCTCCAACTCTCTACAAAGGCGCAAGAAAGGGCT
CCTGCTACGACCAGTGGCACCTCTGCGCACCAGGCCACCCTTGTTAATCAGCTTGCCCCAAGATTTCCGC
CAGGTGTCTTCAGTTATAGATGTGGACCTACTACCTGAGACCCACCGACGAGTGAGGCTGCACAAACATG
GTTCAGACCGTCCCCTGGGCTTCTACATTCGAGATGGCATGAGTGTTCGCGTGGCTCCCCAGGGCCTGGA
GCGGGTTCCAGGTATCTTCATCTCCCGCCTGGTACGTGGGGGCCTGGCTGAGAGTACAGGGCTGCTGGCG
GTCAGTGATGAGATCCTTGAGGTCAACGGCATTGAGGTGGCCGGGAAGACCTTGGACCAAGTGACGGACA
TGATGGTCGCCAACAGCCACAACCTCATCGTCACTGTCAAGCCTGCCAACCAGCGTAATAATGTGGTACG
GGGGGCATCTGGGCGTCTGACAGGGCCTTCCTCTGTAGGGCCTGGGCCTACTGATCCTGACAGTGACGAT
GACAGCAGTGACCTGGTCATTGAGAATCGCCACCCTCCCTGTTCTAATGGGCTGTCTCAGGGGCCCCTGT
GCTGGGACCTGCAACCTGGCTGCCTACTTCCTGGTGCTGGCAGCTCTCTGCCCTCCTTGGATAGCAGAGA
GCAAGCCAATTCTGGCTGGGGGAATGGCATGCGAGGTGATGTTAGCGGATTCAGCCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
```

Restriction Sites: SgfI-MluI

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

View online »

ACCN:	NM_019695
Insert Size:	1041 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_019695.3, NP_062669.2
RefSeq Size:	1284 bp
RefSeq ORF:	1041 bp
Locus ID:	56513
UniProt ID:	Q9Z101
Cytogenetics:	8 D3
Gene Summary:	Adapter protein involved in asymmetrical cell division and cell polarization processes. Probably involved in the formation of epithelial tight junctions. Association with PARD3 may prevent the interaction of PARD3 with F11R/JAM1, thereby preventing tight junction assembly. The PARD6-PARD3 complex links GTP-bound Rho small GTPases to atypical protein kinase C proteins (PubMed:15761148). Regulates centrosome organization and function. Essential for the centrosomal recruitment of key proteins that control centrosomal microtubule organization (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest protein (isoform 1).

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US