

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
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210065 representing NM_019695
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCCAGGCCGAGAGGACTCCGGCGCGCAGTCCCGATAGCATCGTCGAGGTGAAGAGCAAATTTGACG
 CCGAGTTCGGACGCTTTGCACTACCCCGCACTTCGGTGAGAGGCTTTGAGGATTTCTCGCGATTGCTGTG
 TGTGGTACACCAGATCCCTGGCCTGGACGTCTGCTTGGCTATACGGATGCTCACGGTGACTTGCTGCC
 CTACCAACGATGACAGTTTGCACCGGGCCCTGGCCAGCGGGCCCCACCTCTGCGCCTCTTGTTTCA
 AACGGGCAGAAGGTGACTCGAGTGGCCTGGCTTTTGCCTCCAACCTCTCTACAAAGGCGCAAGAAAGGGCT
 CCTGCTACGACCAAGTGGCACCTCTGCGCACCCAGGCCACCCTTGTTAATCAGCTTGCCCCAAGATTTCCGC
 CAGGTGTCTTCAGTTATAGATGTGGACCTACTACCTGAGACCCACCGACGAGTGAGGCTGCACAAACATG
 GTTCAGACCGTCCCCTGGGCTTCTACATTCGAGATGGCATGAGTGTTTCGCGTGGCTCCCCAGGGCCTGGA
 GCGGGTCCAGGTATCTTCATCTCCCGCTGGTACGTGGGGCCCTGGCTGAGAGTACAGGGCTGCTGGCG
 GTCAGTGATGAGATCCTTGAGGTCAACGGCATTGAGGTGGCCGGGAAGACCTTGACCAAGTGACGGACA
 TGATGGTCGCCAACAGCCACAACCTCATCGTCACTGTCAAGCTGCCAACCGTAATAATGTGGTACG
 GGGGGCATCTGGGCGTCTGACAGGGCCTTCTCTGTAGGGCCTGGGCTACTGATCCTGACAGTGACGAT
 GACAGCAGTGACCTGGTATTGAGAATCGCCACCCTCCCTGTTCTAATGGGCTGTCTCAGGGGCCCTGT
 GCTGGGACCTGCAACCTGGTGCCTACTTCTGGTGTGGCAGCTCTCTGCCCTCCTTGGATAGCAGAGA
 GCAAGCCAATTCTGGCTGGGGGAATGGCATGCGAGGTGATGTTAGCGGATTCAGCCT**TGA**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_019695



[View online »](#)

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:	<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_019695.3 , NP_062669.2
RefSeq Size:	1284 bp
RefSeq ORF:	1041 bp
Locus ID:	56513
UniProt ID:	Q9Z101
Cytogenetics:	8 D3
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the longest protein (isoform 1).</p>