

Product datasheet for **SC308251**

PARD3B (NM_205863) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PARD3B (NM_205863) Human Untagged Clone
Tag:	Tag Free
Symbol:	PARD3B
Synonyms:	ALS2CR19; PAR3B; PAR3beta; PAR3L
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_205863, the custom clone sequence may differ by one or more nucleotides

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ATGAAAGTGACCGTGTGCTTCGGCAGGACGGGCATCGTGGTGCCCTGCAAGGAGGGCCAG
CTGCGCGTCGGCGAGCTACCCAGCAGGCGCTGCAGCGGTACCTGAAGACCCGGGAGAAG
GGTCTGGTTACTGGGTGAAGATTCATCACTTAGAATATACAGATGGAGGAATCTGGAT
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GAACAAGAACCACTCCACAAGATTGAGAGCCCCAGTGGAAACCTGCAGATCGGCAGAGC
CCAGATGCTTTTGAACAGAAAGTGGCCGCCAACTGGCCGCATTTAAGCCAATTGGTGGG
GAGATTGAAGTAACCCCTTCTGCTCTAAACTAGGCACTCCACTGCTGGTGAGGAGAAGC
AGTGACCCAGTGCCAGGCCACCTGCTGATACCCAGCCAAGCGCTTCACACCCTGGTGCC
CAGAGTCTGAAACTGGTTGTTCCAGATTCCACGCAGAACTTGAAGACAGAGAAGTTTTG
AATGGTGTACAGACAGAACTACTAATTCGCCAAGAACTAAGGACACATTGAGTGATATG
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TTTTCATCTCTGAGTGAAGGATTCTAGGACTCTTCATCCGAGGCATTGAAGACAACAGC
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CGAGGGATGATCCAGTTGGTGATTCTGAGGAGGCCAGAGAGACCAATGGAGGATCCTGCA
GAGTGTGGGGCATTTCCTCAAGCCATGCTTTGAGAACTGTCAAAATGCTGTAACCACCTCT
AGGCGAAATGATAATAGTATCCTGCATCCACTTGGCACTTGCACTCCACAAGACAAACAG
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CCTTTATATGAAGACGACGAAGGAAGAGCAAGGCCATCTGAGTATGACCTACTCTGGGTG
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TACGCATCCTTACCCAGGGGAGGACCCGAGATCCTGTAGACTATCTGCCAGCAGCACCT
CGGGGGCTCTACAAGGAAAGGGAGCTTCCCTATTATCCAGGGGCTCATCTATGCACCT
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TCCCTCCCCAGCACAAAGAATGCCAGCCTATCAGGAAACAGGCAGACCAGGGCCCCGT
GGGGGAGCCAGACCAGTACCCTTACCGAACCCAGGATCCCGGCAGAAAGACCCCATG
ACTGCAGCCGTATAG

Restriction Sites:	Please inquire
ACCN:	NM_205863
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_205863.1](#), [NP_995585.1](#)

RefSeq Size: 3525 bp

RefSeq ORF: 3318 bp

Locus ID: 117583

UniProt ID: [Q8TEW8](#)

Cytogenetics: 2q33.3

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.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (4) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (4) is shorter compared to isoform Par3La. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.