

Product datasheet for SC318523

PARD3B (NM_152526) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PARD3B (NM_152526) Human Untagged Clone
Tag:	Tag Free
Symbol:	PARD3B
Synonyms:	ALS2CR19; PAR3B; PAR3beta; PAR3L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC318523 representing NM_152526. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGAAAGTGACCGTGTGCTTCGGCAGGACGGGCATCGTGGTGCCCTGCAAGGAGGGCCAGCTGCGCGTC
 GGCGAGCTCACCCAGCAGGCGCTGCAGCGGTACCTGAAGACCCGGGAGAAGGGTCTGGTTACTGGGTG
 AAGATTCATCACTTAGAATATACAGATGGAGGAATCCTGGATCCAGATGATGTCTTGGCAGATGTTGTT
 GAAGATAAAGACAAGCTGATTGCTGTGTTGAAGAACAAGAACCACTCCACAAGATTGAGAGCCCCAGT
 GGAACCCCTGCAGATCGGCAGAGCCCAGATGCTTTTGAGACAGAAGTGGCCGCCCACTGGCCGCATTT
 AAGCCAATTGGTGGGAGATTGAAGTAACCCCTTCTGCTCTAAACTAGGCACTCCACTGCTGGTGAGG
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 AGTCTGAAACTGGTTGTTCCAGATTCCACGCAGAACTTGAAGACAGAGAAGTTTGAATGGTGTACAG
 ACAGAATACTAACTTCGCCAAGAACTAAGGACACATTGAGTGATATGACAAGACAGTGGAGATTTCT
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 CTCTTCATCCGAGGCATTGAAGACAACAGCAGGTCCAAGCGGGAGGGACTATTTACGAAATGAATGT
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 GCAATGAAATCTCAAGTGTGCTCCTCCACGTGCTTCTCCACAAAACCGTGAACAGTATGAAAAGTCA
 GTCATTGGCTCTCTTAACATTTTGGTAATAATGATGGCGTTTTGAAAACCAAGTGCCGCCTCCTGTC
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 TCCCTGCAACAAAACAAGAGTCCCCGAGTACCAAGGCTGGGAGGAAAACCATCCTCTCCCTCACTCTCG
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 ATGAATGACCAGCTGATTGCAGTTAATGGGAATCTCTTTGGGAAAGTCCAACCACGAAGCTATGGAA


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ACACTTAGGCGGTCAATGTCCATGGAGGAAACATCCGAGGGATGATCCAGTTGGTGATTCTGAGGAGG
CCAGAGAGACCAATGGAGGATCCTGCAGAGTGTGGGGCATTTCCTCAAGCCATGCTTTGAGAACTGTCAA
AATGCTGTAACCACCTCTAGGCGAAATGATAATAGTATCCTGCATCCACTTGGCACTTGCAGTCCACAA
GACAAACAGAAAGGTCTATTGCTGCCAATGACGGATGGGCCGAGAGTGAAGTTCACCTTCTCCAA
CCACATTCTGCTCTGGGATTGGGCTCGAAGATTACAGCCACAGCTCTGGGGTGGATTGAGCAGTATAT
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GCAGTGGCCGAGGTCAGGAAGAATGACCTTCCCTTTCACAGGCCCGGCCGCACATGGTTCGAGGCCGA
GGCTGCAATGAGAGCTTTAGAGCAGCCATTGACAAATCCTACGATGGACCTGAAGAAATAGAAGCTGAC
GGTCTGTCTGATAAGAGCTCTCACTCTGGCCAAGGAGCTCTGAATTGTGAGTCTGCCCCCTCAGGGGAAT
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GAAAAGGGCAAATTGAAAGTCAAGGAGAAAAAGCGCAAAGAGGAGAATGAAGATCCGAAAGGAAAAATA
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CAGAAAGGTACTCTGAAACATGGTGGCCTGAGAGAAGAAGAGCTGGAGAAAAATGAAAGAAGAGCGTGAA
AGGATTGGAGCAAAACATCAGGAGCTAAGGGAAAAGCAGGCAAGAGGTCTTCTTGATTATGCTACTGGT
GCAATTGGATCAGTGTATGATATGGATGATGATGAAATGGACCCCAATTATGCCAGAGTGAACCACTTT
CGGGAACCATGCACATCAGCAATGTCTTTAGATCTCCATCTCCCCCTCGAGCTGGACCACTTTGGTTAC
CCTCGGATGGCCATCCACTGTCTCCAGAAAGAGACCACTTAGAGGGTCTCTATGCCAAGGTCAACAAG
CCATACCATCCACTGGTTCAGCTGACAGTGGCCGTCTACGGGTGGAAGCACTGACCGTATCCAGAAG
TTGCGGAAAGAGTATTATCAGGCTCGGAGGGAAGGTTCCCTTTATGAAGACGACGAAGGAAGAGCA
AGGCCATCTGAGTATGACCTACTCTGGTGCCTGGAAGGGTCCAGATGGGAATGCACACAACCTCCGC
TTTGAAGGGATGGAGAGGCAGTACGATCCTTACCCAGGGGAGGACCCGAGATCCTGTAGACTATCTG
CCAGCAGCACCTCGGGGGCTCTACAAGGAAAGGGAGCTTCCCTATTATCCAGGGGCTCATCTATGCAC
CCTCCCAAAGGGAGCTATCCCCGCCACAGAGCTCAGGGTGGCAGATCTCCGGTATCCTCAGCACTAC
CCACCCCCCAGCTCCCCAGCACAAGGACCTTTTCGACAAGACGTTCCGCCTTCCCCTCCCCAGCAC
CAAAGAATGCCAGCCTATCAGGAAACAGGCAGACCAGGGCCCCGTGGGGGAGCCAGACCACTACCT
TACCGAACCCAGGATTCCCGGCAGAAGAACCCATGACTGCAGCCGTATAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_152526
Insert Size:	3432 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).
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:	<u>NM_152526.5</u>
RefSeq Size:	7988 bp
RefSeq ORF:	3432 bp
Locus ID:	117583
UniProt ID:	<u>Q8TEW8</u>
Cytogenetics:	2q33.3
MW:	126.1 kDa
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 (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (Par3Lb) 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.