

## Product datasheet for **SC329327**

### **PARD3 (NM\_001184789) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PARD3 (NM_001184789) Human Untagged Clone
Tag:	Tag Free
Symbol:	PARD3
Synonyms:	ASIP; Baz; PAR3; PAR3alpha; PARD-3; PARD3A; PPP1R118; SE2-5L16; SE2-5L1T1; SE2-5T2
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001184789, the custom clone sequence may differ by one or more nucleotides

```

ATGAAAGTGACCGTGTGCTTCGGACGGACCCGGTGGTCTGCCGTGCGGGGACGGCCAC
ATGAAAGTTTTTCAGCCTCATCCAGCAGGCGGTGACCCGCTACCGGAAGGCCATCGCCAAG
GATCCAAACTACTGGATACAGGTGCATCGCTTGGAAACATGGAGATGGAGGAATACTAGAC
CTTGATGACATTCTTTGTGATGTAGCAGACGATAAAGACAGACTGGTAGCAGTGTGGTGTGAT
GAGCAGGATCCACATCACGGAGGTGATGGCACCAGTGCCAGTTCCACGGGTACCCAGAGC
CCAGAGATATTTGGTAGTGAGCTTGGCACCAACAATGTCTCAGCCTTTCAGCCTTACCAA
GCAACAAGTGAATTGAGGTACACCTTCAGTCTTCGAGCAAATATGCCTTTCATGTT
CGAGCAGTAGTGACCCAGCTCTAATTGGCCTCTCCACTTCTGTCAGTGATAGTAATTTT
TCCTCTGAAGAGCCTTCAAGGAAAAATCCACACGCTGGTCAACAACAGCTGGCTTCCTC
AAGCAGAACACTGCTGGGAGTCCATAAACCTGCGACAGGAAGAAAGATGAAAACACAGA
AGCCTCCCGGGGATACTAGTAAGTGGTCTAACCAATTTTCAGAGAGACAATGCTCGCTCG
TCTCTGAGTGCCAGTACCCCAATGGTGGGCAAGTGGCTGGAGAAACAAGAACAGGATGAG
GATGGGACAGAAGAGGATAACAGTTCGTGTTGAACCTGTTGGACATGCTGACACGGGTTTG
GAGCATATACCCAATTTTCTCTGGATGATATGGTAAAGCTCGTAGAAGTCCCAACGAT
GGAGGGCCTCTGGGAATCCATGTAGTGCCTTTCAGTGCCTCGAGGGCGCAGAACCCTGGGG
TTATTAGTAAAACGATTGGAGAAAGGTGGTAAAGCTGAACATGAAAATCTTTTTCGTGAG
AATGATTGCATTGTCAGGATTAATGATGGCGACCTTCGAAATAGAAGATTGAACAAGCA
CAACATATGTTTTCGCCAAGCCATGCGTACACCCATCATTGTTCCATGTGGTTCCCTGCA
GCAAAATAAGAGCAGTATGAACAATATCCCAAAGTGAAGAACAATTAATTAATCAAGC
CGTTTTAGCCCTGACAGCCAGTATATTGACAACAGGAGTGTGAACAGTGCAGGGCTTAC
ACGGTGCAGAGAGCACCCCGACTGAACCACCCGCTGAGCAGATAGACTCTCACTCAAGA
CTACCTCATAGCGCACACCCCTCGGAAAACCACCATCCGCTCCAGCCTCGGCACCTCAG
AATGTATTTAGTACGACTGTAAGCAGTGGTTATAACACCAAAAAAATAGGCAAGAGGCTT
AATATCCAGCTTAAGAAAGGTACAGAAGGTTTGGGATTGAGCATCACTTCCAGAGATGTA
ACAATAGTGGCTCAGCTCCAATCTATGTGAAAAACATTCTCCCGGGGGGGCGGCCATT

```



[View online »](#)

CAGGATGGCCGACTTAAGGCAGGAGACAGACTTATAGAGGTAAATGGAGTAGATTTAGTG  
 GGCAAATCCCAAGAGGAAGTTGTTTTGCTGTTGAGAAGCACAAGATGGAAGGAAGTGTG  
 AGCCTTCTGGTCTTTCCGACAGGAAGACGCTTCCACCCAAGGGAAGTAAAGCAGAAAGAT  
 GAGGATATTGTTCTTACACCTGATGGCACCAGGGAATTTCTGACATTTGAAGTCCCCTT  
 AATGATTACAGGATCTGCAGGCTTGGTGTCAAGTAAAGGTAACCGGTCAAAGAGAAC  
 CACGCAGATTTGGGAATCTTTGTCAAGTCCATTATTAATGGAGGAGCAGCATCTAAAGAT  
 GGAAGGCTTCGGGTGAATGATCAACTGATAGCAGTAAATGGAGAATCCCTGTTGGGCAAG  
 ACAAACCAAGATGCCATGGAAACCCTAAGAAGGCTATGTCTACTGAAGGCAATAAACGA  
 GGAATGATCCAGCTTATTGTTGCAAGGAGAATAAGCAAGTGAATGAGCTGAAGTCACT  
 GGGAGCCCCCTGGACCTGAGCTGCCATTGAAACAGCGTTGGATGATAGAGAACGAAGA  
 ATTTCCATTCCCTCTACAGTGGGATTGAGGGCTTGTGAATCGCCAGCAGAAATGCT  
 GCCCTCAGTAGGATAATGGGTAATACCAGCTGTCCCCTACAGTGAATATGCCCAAGAT  
 GACTGTCTATTAGAAGATGACAGGTTGCCAGTCTTCCACATCTCTGACCAG  
 TCCTCTCCAGCTCCCATGATGATGTGGGTTTGTGACGGCAGATGCTGGTACTTGGGCC  
 AAGGCTGCAATCAGTATTGAGCCGACTGCTCTTGTAGTCCAGATGTTGATCCAGTCTT  
 GCTTTTCAACGAGAAGGATTTGGACGTCAGATAGCTGACGAGACTAAACTCAATACAGTG  
 GATGACCAGAAAGCAGGTTCTCCAGCAGAGATGTGGGTCTTCCCTGGGTCTGAAGAAG  
 TCAAGCTCGTTGGAGAGTCTGCAGACCGCAGTTGCCGAGGTGACTTTGAATGGGGATATT  
 CCTTTCCATCGTCCACGGCCGCGGATAATCAGAGGCAGGGGATGCAATGAGAGCTTCCAG  
 GCTGCCATCGACAAATCTTATGATAAACCCGCGGTAGATGATGATGAAGGCATGGAG  
 ACCTTGGAAAGAAGACACAGAAGAAAGTTCAAGATCAGGGAGAGAGTCTGTATCCACAGCC  
 AGTGATCAGCCTCCCCTCTCTGGAGAGACAAATGAATGGAAACCAAGAGAAAGGTGAT  
 AAGACTGATAGAAAAAGGATAAACTGGAAAAGAAAAGAAAGATAGAGATAAGGAG  
 AAGGATAAAATGAAAGCCAAGAAGGGAATGCTGAAGGGCTTGGGAGACATGTTCCAGGATT  
 CAAGCCAAAACCTCGAGAATTTAGGGAACGACAAGCTCGAGAGCGTACTATGCTGAAATT  
 CAAGATTTTTCATCGGACATTTGGCTGTGATGATGAGTTAATGTATGGGGAGTTTCTTCT  
 TATGAAGTTTCCATGGCTCTCAACGCTAGACCTCAGAGCCACGAGAAGGGCATATGATG  
 GATGCTTTGTATGCCAAGTCAAGAAGCCGCGGAATTTCAAACCCTCACCTGTAGACAGT  
 AACAGATCAACTCCTAGCAATCATGATCGGATACAGCGTCTGAGGCAAGAATTTCCAGCA  
 GCAAAGCAAGATGAAGATGTAGAAGATCGTCGGCGGACCTATAGTTTTGAGCAACCCTGG  
 CCGAACGCACGGCCGGCAGCAGAGCGGGCAGACTCGGTGTCCGTGGAGGTGCAGATG  
 CAGCGGCAGCGGAGGAGGAGCGGAGAGCTCCAGCAGGCCAGCGCCAGTACAGCTCT  
 CTGCTCGGCAAAGCAGGAAAAATGCCAGCTCGGTCTCCAGGACTCTTGGGAGCAGAAC  
 TACTCCCCTGGGAAGGCTTCCAGAGTGCCAAAGAGAACCCAGGTAAGTCCAGTACCAA  
 GGCTCCAGGAACGGCTACCTGGGAGGACATGGCTTCAACGCCAGGGTCATGCTGGAAACT  
 CAGGAGCTCCTTCGCCAGGAACAGAGGCGGAAGGAGCAGAGATGAAGAAGCAGCCTCCT  
 TCCGAGGGGCCAGCAACTATGACTCGTATAAGAAAGTCCAGGACCCAGTTACGCCCCCT  
 CCCAAGGGGCCCTTCCGGCAAGATGTGCCCCCTCCCCTTCTCAGGTTGCGAGGCTGAAC  
 AGACTTCAGACTCCTGAGAAAGGGAGGCCCTTCTATTCCTGA

**Restriction Sites:**

Please inquire

**ACCN:**

NM\_001184789

**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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001184789.1, NP_001171718.1</u>
<b>RefSeq Size:</b>	5764 bp
<b>RefSeq ORF:</b>	3822 bp
<b>Locus ID:</b>	56288
<b>UniProt ID:</b>	<u>Q8TEW0</u>
<b>Cytogenetics:</b>	10p11.22-p11.21
<b>Protein Pathways:</b>	Adherens junction, Chemokine signaling pathway, Endocytosis, Neuroactive ligand-receptor interaction, Tight junction
<b>Gene Summary:</b>	<p>This gene encodes a member of the PARD protein family. PARD family members interact with other PARD family members and other proteins; they affect asymmetrical cell division and direct polarized cell growth. Multiple alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Oct 2011]</p> <p>Transcript Variant: This variant (6) lacks two alternate, in-frame segments and uses two different splice sites, in the coding region, compared to variant 1. The resulting protein (isoform 6) is shorter when it is compared to isoform 1. This variant has also been called 'long variant b'. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>