

## Product datasheet for **SC329342**

### **PARD3 (NM\_001184786) Human Untagged Clone**

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids  |
| Product Name:             | PARD3 (NM_001184786) 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_001184786, the custom clone sequence may differ by one or more nucleotides |

```

ATGAAAGTGACCGTGTGCTTCGGACGGACCCGGGTGGTCGTGCCGTGCGGGGACGGCCAC
ATGAAAGTTTTTCAGCCTCATCCAGCAGGCGGTGACCCGCTACCGGAAGGCCATCGCCAAG
GATCCAACTACTGGATACAGGTGCATCGCTTGGAAACATGGAGATGGAGGAATACTAGAC
CTTGATGACATTTTGTGATGTAGCAGACGATAAAGACAGACTGGTAGCAGTGTGGTGTGAT
GAGCAGGATCCACATCACGGAGGTGATGGCACCAGTGCCAGTTCCACGGGTACCCAGAGC
CCAGAGATATTTGGTAGTGAGCTTGGCACCAACAATGTCTCAGCCTTTCAGCCTTACCAA
GCAACAAGTGAATTGAGGTACACCTTCAGTCTTCGAGCAAATATGCCTTTCATGTT
CGACGCAGTAGTGACCCAGCTCTAATTGGCCTCTCCACTTCTGTCAGTGATAGTAATTTT
TCCTCTGAAGAGCCTTCAAGGAAAAATCCACACGCTGGTCAACAACAGCTGGCTTCCTC
AAGCAGAACACTGCTGGGAGTCCATAAACCTGCGACAGGAAGAAAGATGAAAACACAGA
AGCCTCCCGGGGATACTAGTAAGTGGTCTAACCAATTTTCAGAGAGACAATGCTCGCTCG
TCTCTGAGTGCCAGTCACCCAATGGTGGGCAAGTGGCTGGAGAAACAAGAACAGGATGAG
GATGGGACAGAAGAGGATAACAGTCGTGTTGAACCTGTTGGACATGCTGACACGGGTTTG
GAGCATATACCAACTTTTCTCTGGATGATATGGTAAAGCTCGTAGAAGTCCCAACGAT
GGAGGGCCTCTGGGAATCCATGTAGTGCCTTTCAGTGCCTCGAGGGCGCAGAACCCTGGGG
TTATTAGTAAAACGATTGGAGAAAGGTGGTAAAGCTGAACATGAAAATCTTTTTCTGTGAG
AATGATTGCATTGTGAGGATTAATGATGGCGACCTTCGAAATAGAAGATTGAACAAGCA
CAACATATGTTTTCGCCAAGCCATGCGTACACCCATCATTGGTTCCATGTGGTTCCCTGCA
GCAAAATAAGAGCAGTATGAACAATATCCCAAAGTGAGAAGAACAATTAATTAATCAAGC
CGTTTTAGCCCTGACAGCCAGTATATTGACAACAGGAGTGTGAACAGTGCAGGGCTTAC
ACGGTGCAGAGAGCACCCCGACTGAACCACCCGCTGAGCAGATAGACTCTCACTCAAGA
CTACCTCATAGCGCACACCCCTCGGAAAACCACCATCCGCTCCAGCCTCGGCACCTCAG
AATGTATTTAGTACGACTGTAAGCAGTGGTTATAACACCAAAAAAATAGGCAAGAGGCTT
AATATCCAGCTTAAGAAAGGTACAGAAGGTTTGGGATTGAGCATCACTTCCAGAGATGTA
ACAATAGTGGCTCAGCTCCAATCTATGTGAAAAACATTCTCCCGGGGGGGCGGCCATT

```



[View online »](#)

CAGGATGGCCGACTTAAGGCAGGAGACAGACTTATAGAGGTTAAATGGAGTAGATTTAGTG  
 GGCAAATCCCAAGAGGAAGTTGTTTTGCTGTTGAGAAGCACAAGATGGAAGGAAGTGTG  
 AGCCTTCTGGTCTTTCCGCGAGGAAGACGCTTCCACCCAAGGGAAGTAAAGCAGAAAGAT  
 GAGGATATTGTTCTTACACCTGATGGCACCAGGGAATTTCTGACATTTGAAGTCCCAGT  
 AATGATTACAGGATCTGCAGGCTTGGTGTCAAGTAAAGGTAACCGGTCAAAGAGAAC  
 CACGCAGATTTGGGAATCTTTGTCAAGTCCATTATTAATGGAGGAGCAGCATCTAAAGAT  
 GGAAGGCTTCGGGTGAATGATCAACTGATAGCAGTAAATGGAGAATCCCTGTTGGGCAAG  
 ACAAACCAAGATGCCATGGAAACCCTAAGAAGGCTATGTCTACTGAAGGCAATAAACGA  
 GGAATGATCCAGCTTATTGTTGCAAGGAGAATAAGCAAGTGAATGAGCTGAAGTCACT  
 GGGAGCCCCCTGGACCTGAGCTGCCATTGAAACAGCGTTGGATGATAGAGAACGAAGA  
 ATTTCCATTCCCTCTACAGTGGGATTGAGGGCTTGTGAATCGCCAGCAGAAATGCT  
 GCCCTCAGTAGGATAATGGGTAATACCAGCTGTCCCCTACAGTGAATATGCCCCAAGAT  
 GACTGTCTATTAGAAGATGACAGGTTGCCAGTCTTCCACATCTCTGACCAG  
 TCCTCTCCAGCTCCCATGATGATGTGGGTTTGTGACGGCAGATGCTGGTACTTGGGCC  
 AAGGCTGCAATCAGTATTGAGCCGACTGCTCTTTGAGTCCAGATGTTGATCCAGTCTT  
 GCTTTTCAACGAGAAGGATTTGGACGTCAGAGTATGTCAGAAAAACGCACAAAGCAATTT  
 TCAGATGCCAGTCAATTGGATTTGTTAAAACACGAAAATCAAAAAGCATGGATTTAGGT  
 ATAGCTGACGAGACTAACTCAATACAGTGGATGACCAGAAAAGCAGGTTCTCCAGCAGA  
 GATGTGGGTCCTTCCCTGGGCTGAAGAAGTCAAGCTCGTTGGAGAGTCTGCAGACCGCA  
 GTTGCCGAGGTGACTTTGAATGGGGATTTCTTTCCATCGTCCACGGCCGCGGATAATC  
 AGAGGCAGGGGATGCAATGAGAGCTTCCAGAGTCCATCGACAAATCTTATGATAAACCC  
 GCGGTAGATGATGATGAAGGCATGGAGACCTTGAAGAAGACACAGAAGAAAGTTCA  
 AGATCAGGAGAGAGTCTGTATCCACAGCCAGTATGATGAGTCCCACTCTCTGGAGAGA  
 CAAATGAATGGAACCAAGAGAAGGTGATAAGACTGATAGAAAAAGGATAAAAAGTGA  
 AAAGAAAAGAAGAAAGATAGAGATAAGGAGAAGGATAAAAATGAAAGCCAAGAAAGGAATG  
 CTGAAGGGCTTGGGAGACATGTTCAAGTTTGGCAAACATCGAAAAGATGACAAGATTGAG  
 AAAACGGGTAATAAAAATACAGGAATCCTTTACATCAGAAGAGGAGAGGATACGAATG  
 AAGCAGGAGCAGGAGAGGATTCAAGCCAAAACGAGAATTTAGGGAACGACAAGCTCGA  
 GAGCGTACTATGCTGAAATTCAGATTTTTCATCGACATTTGGTGTGATGATGATGATTA  
 ATGATGGGGGAGTTTCTTTATGAAGTTCCATGGCTCTCAACGCTAGACCTCAGAGC  
 CCACGAGAAGGGCATATGATGGATGCTTTGTATGCCCAAGTCAAGAAGCCGCGGAATTC  
 AAACCTCACCTGTAGACAGTAACAGATCAACTCCTAGCAATCATGATCGGATACAGCGT  
 CTGAGGCAAGAATTTAGCAAGCAAGCAAGATGAAGATGTAGAAGATCGTCGGCGGACC  
 TATAGTTTGGCAACCTGGCCGAACGCACGGCCGGCGACGCAGAGCGGGGCACTCG  
 GTGTCCGTGGAGGTGCAGATGCAGCGGCAGCGGAGGAGCGGAGAGCTCCAGCAG  
 GCCAGCGCCAGTACAGCTCTCTGCCTCGGCAAAGCAGGAAAAATGCCAGCTCGGTCTCC  
 CAGGACTCTTGGGAGCAGAACTACTCCCCTGGGGAAGGCTTCCAGAGTGCCAAAGAGAAC  
 CCCAGGTAATCCAGCTACCAAGGCTCCAGGAACGGCTACCTGGGAGGACATGGCTTCAAC  
 GCCAGGTCATGCTGAAACTCAGGAGTCTTTCGCCAGGAACAGAGGCGGAAGGAGCAG  
 CAGATGAAGAAGCAGCTCCTTCCGAGGGGCCAGCAACTATGACTCGTATAAGAAAGTC  
 CAGGACCCAGTTACGCCCTCCCAAGGGGCCCTTCCGGCAAGATGTGCCCCCTCCCCT  
 TCTCAGGTTGCGAGGCTGAACAGACTTCAGACTCCTGAGAAAGGGAGGCCCTTCTATTCC  
 TGA

**Restriction Sites:**

Please inquire

**ACCN:**

NM\_001184786

**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).

|                               |  |
|-------------------------------|--|
| <b>OTI Annotation:</b>        | 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><a href="#">NM_001184786.1</a></u> , <u><a href="#">NP_001171715.1</a></u>  |
| <b>RefSeq Size:</b>           | 5965 bp  |
| <b>RefSeq ORF:</b>            | 4023 bp  |
| <b>Locus ID:</b>              | 56288  |
| <b>UniProt ID:</b>            | <u><a href="#">Q8TEW0</a></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 (3) lacks an alternate, in-frame segment and uses a different splice site, in the coding region, compared to variant 1. The resulting protein (isoform 3) is shorter when it is compared to isoform 1. 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> |