

## Product datasheet for **SC329526**

### **PDCD4 (NM\_001199492) Human Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** PDCD4 (NM\_001199492) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** PDCD4  
**Synonyms:** H731  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC329526 representing NM\_001199492.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGATGTAGAAAATGAGCAGATACTGAATGTAACCCTGCAGAAAATGCTGGGACTGAGGAAAATAAG
AATGAAATAAATGGAAATTGGATTTTCAGCATCCTCCATTAAACGAAGCTAGAATTAATGCCAAGGCAAAA
AGGCGACTAAGGAAAACTCATCCCGGACTCTGGCAGAGGCGATTTCGGTCAGCGACAGTGGGAGTGAC
GCCCTTAGAAGTGGATTAAGTGTCCAACAGTCCAAAGGGAAGGTTGCTGGATAGGCGATCCAGATCT
GGGAAAGGAAGGGGACTACCAAAGAAAGGTGGTGCAGGAGGCAAAGGTGTCTGGGTACACCTGGACAG
GTGTATGATGTGGAGGAGGTGGATGTGAAAGATCCTAACTATGATGATGACCAGGAGAAGTGTGTTTAT
GAAACTGTAGTTTGCCTTTGGATGAAAGGGCATTGAGAAGACTTTAACACCAATCATACAGGAATAT
TTTGAGCATGGAGATACTAATGAAGTTGCGGAAAATGTTAAGAGATTTAAATCTTGGTGAAATGAAAAGT
GGAGTACCAGTGTGGCAGTATCCTTAGCATTGGAGGGGAAGGCTAGTCATAGAGAGATGACATCTAAG
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GCTGTTGGAGATGGAATTTTATGTAATACCTATATTGATAGTTACAAAGGAAGTGTAGATTGTGTGCAG
GCTAGAGCTGCTCTGGATAAAGGCTACCGTGCTTCTGAGTATGTCTAAAGGTGAAAGCGTAAAGATAGT
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CACCATGAGCTTGTATATGAAGCTATTATAATGTTTTAGAGTCAACTGGAGAAAAGTACATTTAAGATG
ATTTTGGATTTATTAAAGTCCCTTTGGAAGTCTTCTACCATTACTGTAGACCAAATGAAAAGAGGTTAT
GAGAGAATTTACAATGAAATCCGGACATTAATCTGGATGTCCCACATTCATACTCTGTGCTGGAGCGG
TTTGTAGAAGAATGTTTTAGGCTGGAATAATTTCCAACAACCTCAGAGATCTTTGCTCCTCAAGGGGC
AGAAAGCGTTTTGTAAGCGAAGGAGATGGAGGTCGTCTTAACCAGAGAGCTACTGA
  
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**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001199492  
**Insert Size:** 1368 bp



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<b>OTI Disclaimer:</b>	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>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_001199492.1</a></u>
<b>RefSeq Size:</b>	3602 bp
<b>RefSeq ORF:</b>	1368 bp
<b>Locus ID:</b>	27250
<b>Cytogenetics:</b>	10q25.2
<b>Protein Families:</b>	Druggable Genome
<b>MW:</b>	50.2 kDa
<b>Gene Summary:</b>	<p>This gene is a tumor suppressor and encodes a protein that binds to the eukaryotic translation initiation factor 4A1 and inhibits its function by preventing RNA binding. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010]</p> <p>Transcript Variant: This variant (3) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1. The resulting protein (isoform 3) is shorter, compared to isoform 1.</p>