

Product datasheet for **SC330641**

PCID2 (NM_001258213) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PCID2 (NM_001258213) Human Untagged Clone
Tag: Tag Free
Symbol: PCID2
Synonyms: F10
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330641 representing NM_001258213.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGCGTCTGACAGATGTTGTTCAACAGCTTGTGTACGAAGCCATCGACAGCAGAGATGGAGCATCTTGT
 GCAGAGTTGGTGTCTTTTAAACATCCTCATGTTGCAAACCCACGACTTCAAATGGCCTCTCCAGAGGAG
 AAGTGTCAACAAGTCTTGAACCCCTTATGATGAAATGTTGCAGCTCATTTAAGGTGCACTTATGCA
 GTGGGGAATCATGACTTCATAGAGGCATACAAGTGCCAGACCGTGATAGTCCAATCATTCTTGCAGCA
 TTCCAGGCCCACAAAGAAGAAAAGTGGGCTCTGCCTGTCATGTATGCAGTAGCGCTTGACCTTCGAGTG
 TTTGCCAATAATGCAGATCAACAGTTGGTAAAGAAAGGAAAAAGCAAAGTTGGGGACATGTTGGAAAAA
 GCAGCAGAGTTACTGATGAGCTGTTTCCGGTCTGTGCCAGCGACACCCGTGCTGGTATAGAGGACTCT
 AAGAAGTGGGGCATGCTGTTTCTGGTGAACAGCTGTTTAAATCTACTTCAAGATCAACAACTCCAT
 TTATGTAAACCCCTAATTAGAGCAATTGACAGCTCAAACCTGAAAGACGATTACAGCACTGCACAGAGA
 GTAACATACAAATACTACGTTGGACGCAAGGCTATGTTTGACAGCGATTTAAGCAAGCTGAGGAGTAC
 CTGTCAATTTGCCTTTGAGCATTGTCACCGTTCTAGTCAGAAGAACAAAGGATGATTCTGATCTATTTG
 CTTCCAGTAAAAATGCTATTGGGTACATGCCACTGTGGAGCTCCTGAAAAAGTATCACCTGATGCAG
 TTTGCGGAAGTAACCAGAGCTGTGAGCGAGGGCAACCTGCTGCTGCTGCACGAGGCGCTGGCGAAGCAC
 GAGGCCTTCTTCATTGCTGCGGAATCTTCCTCATCCTGGAGAAGCTGAAGATCATCACCTACAGGAAC
 CTCTTTAAGAAAGTGTATTTGTTACTGAAAACACACCAGCTGTCTCTGGATGCTTTTCTGGTTGCCCTTG
 AAGTTCATGCAGGTGGAGGACGTGGACATTGACGAAGTTCAGTGTATTCTGGCTAACTTGATATACATG
 GGACACGTCAAAGGCTACATATCGCATCAGCATCAGAAGCTGGTGGTCAGCAAGCAGAACCATTTCCT
 CCCCTGTCCACGGTGTGTGA

Restriction Sites: SgfI-MluI
ACCN: NM_001258213
Insert Size: 1194 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).


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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_001258213.1</u>
RefSeq Size:	2448 bp
RefSeq ORF:	1194 bp
Locus ID:	55795
UniProt ID:	<u>Q5JVF3</u>
Cytogenetics:	13q34
MW:	45.8 kDa
Gene Summary:	This gene encodes a component of the TREX-2 complex (transcription and export complex 2), which regulates mRNA export from the nucleus. This protein regulates expression of Mad2 mitotic arrest deficient-like 1, a cell division checkpoint protein. This protein also interacts with and stabilizes Brca2 (breast cancer 2) protein. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016] Transcript Variant: This variant (5) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon compared to variant 1. The encoded isoform (3) has a shorter, distinct N-terminus compared to isoform 1. Variants 5 and 6 encode the same isoform (3).