

Product datasheet for SC313541

PCID2 (NM_018386) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PCID2 (NM_018386) Human Untagged Clone
Tag:	Tag Free
Symbol:	PCID2
Synonyms:	F10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC313541 representing NM_018386. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGCGCACATTACCATTAACCACTACCTGCAGCAGGTGTACGAAGCCATCGACAGCAGAGATGGAGCA
 TCTTGTGCAGAGTTGGTGTCTTTTAAACATCCTCATGTTGCAAACCCACGACTTCAAATGGCCTCTCCA
 GAGGAGAAGTGTCAACAAGTCTTGAACCCCTTATGATGAAATGTTGCAGCTCATTTAAGGTGCACT
 TATGCAGTGGGAATCATGACTTCATAGAGGCATACAAGTGCCAGACCGTGATAGTCCAATCATTCTTG
 CGAGCATTCAGGCCACAAAGAAGAACTGGGCTCTGCCTGTCATGTATGCAGTAGCGCTTGACCTT
 CGAGTGTTCGAATAATGCAGATCAACAGTTGGTAAAGAAAGGAAAAAGCAAAGTTGGGGACATGTTG
 GAAAAAGCAGCAGAGTTACTGATGAGCTGTTCCGGGTCTGTGCCAGCGACACCCGTGCTGGTATAGAG
 GACTCTAAGAAGTGGGGCATGCTGTTTCTGGTGAACAGCTGTTTAAATCTACTTCAAGATCAACAAA
 CTCCATTTATGTAACCCCTAATTAGAGCAATTGACAGCTCAAACCTGAAAGACGATTACAGCACTGCA
 CAGAGAGTAACATACAAATACTACGTTGGACGCAAGGCTATGTTTGACAGCGATTTTAAGCAAGCTGAG
 GAGTACCTGTCAATTTGCCTTTGAGCATTGTACCGTCTAGTCAGAAGAACAAAAGGATGATTCTGATC
 TATTTGCTTCCAGTAAAAATGCTATTGGGTACATGCCCACTGTGGAGCTCCTGAAAAAGTATCACCTG
 ATGCAGTTTGCGAAGTAACCAAGCTGTGAGCGAGGGCAACCTGCTGCTGCTGCACGAGGCGCTGGCG
 AAGCACGAGGCCCTTCTTCATTGCTGCGGAATCTTCCTCATCTGGAGAAGCTGAAGATCATCACCTAC
 AGGAACCTCTTTAAGAAAGTGTATTTGTTACTGAAAACACACCAGCTGTCTCTGGATGCTTTTCTGGTT
 GCCTTGAAGTTCATGCAGGTGGAGGACGTGGACATTGACGAAGTTCAGTGTATTCTGGCTAACTTGATA
 TACATGGGACACGTCAAAGGCTACATATCGCATCAGCATCAGAAGCTGGTGGTCAGCAAGCAGAACCCA
 TTTCTCCCTGTCCACGGTGTG**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI


[View online »](#)

ACCN:	NM_018386
Insert Size:	1200 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_018386.4</u>
RefSeq Size:	1948 bp
RefSeq ORF:	1200 bp
Locus ID:	55795
UniProt ID:	<u>Q5JVF3</u>
Cytogenetics:	13q34
MW:	46 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 (3) lacks a segment in the 3' UTR compared to variant 1. Variants 1, 2, and 3 encode the same isoform (1).