

Product datasheet for SC212982

PD1 (PDCD1) (NM_005018) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PD1 (PDCD1) (NM_005018) Human 3' UTR Clone
Symbol:	PD1
Synonyms:	CD279; hPD-1; hPD-I; hSLE1; PD-1; PD1; SLEB2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005018
Insert Size:	1204 bp
Insert Sequence:	>SC212982 3'UTR clone of NM_005018 The sequence shown below is from the reference sequence of NM_005018. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGGATGGACACTGCTCTTGGCCCTCTTCGACCGGCTTCTTGGCCACCAGTGTCTGCAGACCCCTCCAC
CATGAGCCCGGGTCAGCGCATTTCCTCAGGAGAAGCAGGCAGGGTGCAGGCCATTGCAGGCCGTCAGG
GGCTGAGCTGCCTGGGGGCGACCGGGCTCCAGCCTGCACCTGCACCAGGCACAGCCCCACCACAGGAC
TCATGTCTCAATGCCACAGTGAGCCCAGGCAGCAGGTGTCACCGTCCCCTACAGGGAGGGCCAGATGC
AGTCACTGCTTCAGGTCCTGCCAGCACAGAGCTGCCTGCGTCCAGCTCCCTGAATCTCTGCTGCTGCTG
CTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG
TCTGCTGCTGAACTTGGGGGCTGGTTGGAGATGGCCTTGGAGCAGCCAAGGTGCCCTGGCAGTGGCATC
CCGAAACGCCCTGGACGCAGGGCCCAAGACTGGGCACAGGAGTGGGAGGTACATGGGGCTGGGGACTCC
CCAGGAGTTATCTGCTCCCTGCAGGCCTAGAGAAGTTTCAGGGAAGGTGAGAAGAGCTCCTGGCTGTGG
TGGGCAGGGCAGGAAACCCTCCACCTTACACATGCCAGGCAGCACCTCAGGCCCTTTGTGGGGCAG
GGAAGCTGAGGCAGTAAGCGGGCAGGCAGAGCTGGAGGCCTTTTCAGGCCAGCCAGCACTTGGCCTCC
TGCCGCCGATTCCACCCAGCCCTCACACACTCGGGAGAGGACATCCTACGGTCCCAAGGTGAGG
AGGGCAGGGCTGGGGTTGACTCAGGCCCTCCAGCTGTGGCCACCTGGGTGTTGGGAGGGCAGAAGTG
CAGGCACCTAGGGCCCCCATGTGCCACCCTGGGAGCTCTCCTTGAACCCATTCTGAAATTATTTA
AAGGGGTTGGCCGGGCTCCACCAGGGCCTGGGTGGGAAGGTACAGGCGTTCCTCCGGGGCTAGTACC
CCCGCGTGGCCTATCCACTCCTCACATCCACACTGCACCCCACTCCTGGGGCAGGGCCACCAGCA
TCCAGGCGGCCAGCAGGCACCTGAGTGGCTGGGACAAGGGATCCCCCTTCCCTGTGGTTCTATTATAT
ATAATTATAATTAATATGAGAGCATGCTAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG

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Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_005018.3
Summary:	Programmed cell death protein 1 (PDCD1) is an immune-inhibitory receptor expressed in activated T cells; it is involved in the regulation of T-cell functions, including those of effector CD8+ T cells. In addition, this protein can also promote the differentiation of CD4+ T cells into T regulatory cells. PDCD1 is expressed in many types of tumors including melanomas, and has demonstrated to play a role in anti-tumor immunity. Moreover, this protein has been shown to be involved in safeguarding against autoimmunity, however, it can also contribute to the inhibition of effective anti-tumor and anti-microbial immunity. [provided by RefSeq, Aug 2020]
Locus ID:	5133
MW:	42.4