

Product datasheet for RG206016

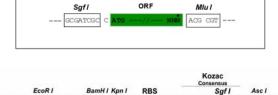
PDCD4 (NM_014456) Human Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids
Product Name:	PDCD4 (NM_014456) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PDCD4
Synonyms:	H731
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
Restriction Sites:	Sgfl-Mlul
Cloning Scheme:	Cloning sites used for ORF Shuttling:
	Sgfl ORF Miul



RBS

Asc I

Hind III Nhe I Rsr II GFP Tag
 Hind III
 Nhe I
 Rsr II
 Miu I
 Not I
 Xho I
 GFP Tag

 CAAGCTTAACTAGCGGACCG
 ACG CGT ACG CGG CGG CCG CCC GAG ATG GAG AGC GAC
 T
 R
 F
 P
 L
 E
 M
 E
 S
 D
 Mlu I

BamH I Kpn I

EcoR I

ACCN: **ORF Size:** NM_014456 1407 bp

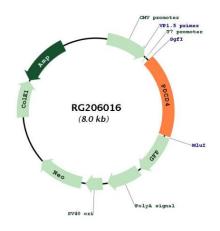


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ORIGENE PDCD4 (NM_014456) Human Tagged ORF Clone – RG206016	
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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 014456.3, NP 055271.2</u>
RefSeq Size:	3591 bp
RefSeq ORF:	1410 bp
Locus ID:	27250
UniProt ID:	<u>Q53EL6</u>
Cytogenetics:	10q25.2
Domains:	MA3
Protein Families:	Druggable Genome
Gene Summary:	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]

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Product images:



Circular map for RG206016

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