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Product datasheet for RC224141L2V

PD L2 (PDCD1LG2) (NM_025239) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PD L2 (PDCD1LG2) (NM_025239) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PD L2
Synonyms:	B7DC; bA574F11.2; Btdc; CD273; PD-L2; PDCD1L2; PDL2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_025239
ORF Size:	819 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224141).
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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_025239.2, NP_079515.1
RefSeq Size:	1518 bp
RefSeq ORF:	822 bp
Locus ID:	80380
UniProt ID:	Q9BQ51
Cytogenetics:	9p24.1
Domains:	IG
Protein Families:	Transmembrane

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Protein Pathways:	Cell adhesion molecules (CAMs)
MW:	30.8 kDa
Gene Summary:	Involved in the costimulatory signal, essential for T-cell proliferation and IFNG production in a PDCD1-independent manner. Interaction with PDCD1 inhibits T-cell proliferation by blocking cell cycle progression and cytokine production (By similarity).[UniProtKB/Swiss-Prot Function]

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