

Product datasheet for RC202119L1

PDCD5 (NM_004708) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: PDCD5 (NM_004708) Human Tagged Lenti ORF Clone

Tag:Myc-DDKSymbol:PDCD5Synonyms:TFAR19

Selection:

Vector:pLenti-C-Myc-DDK (PS100064)E. coli Selection:Chloramphenicol (34 ug/mL)

None

ORF Nucleotide

Mammalian Cell

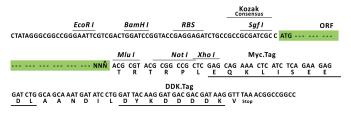
The ORF insert of this clone is exactly the same as(RC202119).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





 $[\]ensuremath{^*}$ The last codon before the Stop codon of the ORF.

ACCN: NM_004708

ORF Size: 375 bp



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PDCD5 (NM_004708) Human Tagged Lenti ORF Clone - RC202119L1

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.

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 004708.2</u>

RefSeq Size: 604 bp RefSeq ORF: 378 bp

Locus ID: 9141

 UniProt ID:
 O14737

 Cytogenetics:
 19q13.11

Domains: dsDNA bind

MW: 14.3 kDa

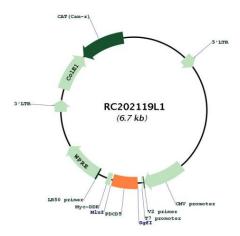
Gene Summary: This gene encodes a protein that is upregulated during apoptosis where it translocates

rapidly from the cytoplasm to the nucleus. The encoded protein may be an important regulator of K(lysine) acetyltransferase 5 (a protein involved in transcription, DNA damage response and cell cycle control) by inhibiting its proteasome-dependent degradation.

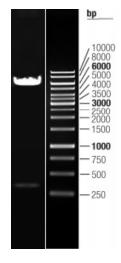
Pseudogenes have been identified on chromosomes 5 and 12 [provided by RefSeq, Dec 2010]



Product images:



Circular map for RC202119L1



Double digestion of RC202119L1 using Sgfl and Mlul