

Product datasheet for RC222766L3

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OriGene Technologies, Inc.

PRDM1 (NM_182907) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: PRDM1 (NM_182907) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: PRDM1

Synonyms: BLIMP1; PRDI-BF1

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

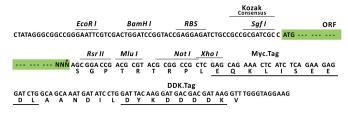
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC222766).

Sequence:

Restriction Sites: Sgfl-Rsrll

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_182907

ORF Size: 2073 bp





PRDM1 (NM_182907) Human Tagged Lenti ORF Clone - RC222766L3

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: NM 182907.1

RefSeq Size:4753 bpRefSeq ORF:2076 bp

Locus ID: 639

UniProt ID: <u>075626</u>

Cytogenetics: 6q21

Protein Families: Transcription Factors

MW: 76.8 kDa

Gene Summary: This gene encodes a protein that acts as a repressor of beta-interferon gene expression. The

protein binds specifically to the PRDI (positive regulatory domain I element) of the beta-IFN gene promoter. Transcription of this gene increases upon virus induction. Two alternatively spliced transcript variants that encode different isoforms have been reported. [provided by

RefSeq, Jul 2008]