

Product datasheet for **SC329636**

PLRG1 (NM_001201564) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PLRG1 (NM_001201564) Human Untagged Clone
Tag: Tag Free
Symbol: PLRG1
Synonyms: Cwc1; PRL1; PRP46; PRPF46; TANGO4
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC329636 representing NM_001201564.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

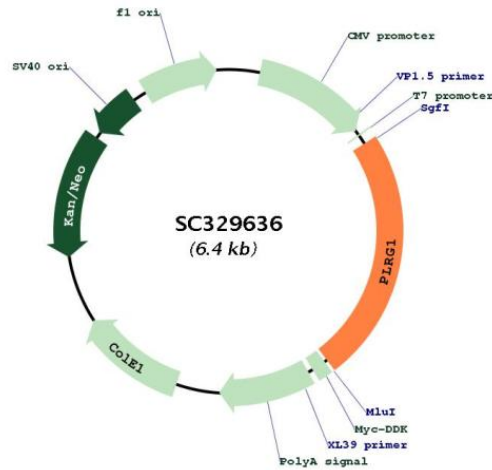
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001201564

Insert Size: 1518 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_001201564.1](#)

RefSeq Size: 3347 bp

RefSeq ORF: 1518 bp

Locus ID: 5356

UniProt ID: [O43660](#)

Cytogenetics: 4q31.3

Protein Families: Transcription Factors

Protein Pathways: Spliceosome

MW: 56.3 kDa

Gene Summary: This gene encodes a core component of the cell division cycle 5-like (CDC5L) complex. The CDC5L complex is part of the spliceosome and is required for pre-mRNA splicing. The encoded protein plays a critical role in alternative splice site selection. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011]

Transcript Variant: This variant (2) uses an alternate splice site in the 5' coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (2) is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.