



# Human PLRG1 blocking peptide (CDBP2331)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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| <b>Product Overview</b>    | Blocking/Immunizing peptide for anti-PLRG1 antibody                                                                                                                                                                                                                                                                                                                                             |
| <b>Antigen Description</b> | 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] |
| <b>Species</b>             | Human                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Conjugate</b>           | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Applications</b>        | Apuri, BL, ELISA                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Format</b>              | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Size</b>                | 100 µg                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Preservative</b>        | None                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage</b>             | Shipped at ambient temperature, store at -20°C.                                                                                                                                                                                                                                                                                                                                                 |

## GENE INFORMATION

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|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">PLRG1 pleiotropic regulator 1 [ Homo sapiens ]</a>                                                                                                                                                                         |
| <b>Official Symbol</b> | PLRG1                                                                                                                                                                                                                                  |
| <b>Synonyms</b>        | PLRG1; pleiotropic regulator 1; pleiotropic regulator 1 (PRL1 homolog, Arabidopsis) , pleiotropic regulator 1 (PRL1, Arabidopsis homolog); PRL1; Prp46; PRPF46; pleiotropic regulator 1 (PRL1 homolog, Arabidopsis); PRP46; MGC110980; |

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| <b>Entrez Gene ID</b>      | <a href="#">5356</a>                                                                                                                                                                               |
| <b>mRNA Refseq</b>         | <a href="#">NM_001201564</a>                                                                                                                                                                       |
| <b>Protein Refseq</b>      | <a href="#">NP_001188493</a>                                                                                                                                                                       |
| <b>UniProt ID</b>          | O43660                                                                                                                                                                                             |
| <b>Chromosome Location</b> | 4q31.2-q32.1                                                                                                                                                                                       |
| <b>Pathway</b>             | Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Spliceosome, 35S U5-snRNP, organism-specific biosystem; Spliceosome, Prp19/CDC5L complex, organism-specific biosystem; |
| <b>Function</b>            | signal transducer activity; transcription corepressor activity;                                                                                                                                    |