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# Product datasheet for RC217824L3V

## CERKL (NM_001030312) Human Tagged ORF Clone Lentiviral Particle

### Product data:

| | |
|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | CERKL (NM_001030312) Human Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | CERKL |
| **Synonyms:** | RP26 |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| **Tag:** | Myc-DDK |
| **ACCN:** | NM_001030312 |
| **ORF Size:** | 1257 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(RC217824). |
| **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_001030312.1, NP_001025483.1 |
| **RefSeq Size:** | 1260 bp |
| **RefSeq ORF:** | 1260 bp |
| **Locus ID:** | 375298 |
| **UniProt ID:** | Q49MI3 |
| **Cytogenetics:** | 2q31.3 |
| **Protein Families:** | Druggable Genome |
| **MW:** | 47.2 kDa |

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**Gene Summary:** This gene was initially identified as a locus (RP26) associated with an autosomal recessive form of retinitis pigmentosa (arRP) disease. This gene encodes a protein with ceramide kinase-like domains, however, the protein does not phosphorylate ceramide and its target substrate is currently unknown. This protein may be a negative regulator of apoptosis in photoreceptor cells. Mutations in this gene cause a form of retinitis pigmentosa characterized by autosomal recessive cone and rod dystrophy (arCRD). Alternative splicing of this gene results in multiple transcript variants encoding different isoforms and non-coding transcripts. [provided by RefSeq, May 2010]