

## Product datasheet for **SC215093**

### **CERKL (NM\_001030313) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	CERKL (NM_001030313) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CERKL
Synonyms:	RP26
ACCN:	NM_001030313
Insert Size:	1542 bp



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<b>Insert Sequence:</b>	<p>&gt;SC215093 3'UTR clone of NM_001030313 The sequence shown below is from the reference sequence of NM_001030313. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GGAAGCATGGAAGAAATGATTCCAAAGTAACATGTAATTGTTTCTAAAAGAAATGTACAACTAGAATT TTAATATAAAGAAATGTGGCCATGCTTTAAACCTGTGGTCCCCACCCCTTTTGGGACCAGTTTCATGGA AGACAATTTTTCCGTGGATGGGGGAATGGTTTCAGGATGAACTGTTCCACCTCAGATCATCAGGCATTA GATTCTCTTGAGGAACATGGCACTCTAGATCCCTCACATACCAGTTCACCATATGGTTCGCACCTCTAT GAGAATCTAATGCTGCTGCTGATCTGACAGGGGGAGGAACTCAGTAATGCTCCATTGCTCTAACCTCCT GCTGTGTGGCCAAACGGATATCCTAATAGAAATGATGTTACTAACAAATAGCCTCTAGGCTTTAAAA GTCAAGATGAAATATCAATTCAAATCTGTTTTAGATATCAATTCAAATCTTTTTTTTACAATGTGT TTATTGGACACACAAAAAACTTTGCAACCATATAATACATCAATTTAACCTAGATAATTCTGAAA TAATTTGGATTCTTTCATTTTTTCAGGATTTGAGCTCATCAATTATGTTAAATTTCTATATTCTGTTAC AAATATAATACAGATTTTATAAGTCTGCCTTGATTCACTGCTCCCTAATCCAGAGCAGTTAAATTTCAA AATCACATAGTTATATAGCCTACCTGCCAAAAAGAATAACCCATCCCTGTCTTCTTAAAGTGGTAGGG TTTTAAAATTCATGATACAAGTAACAAAGTAAGTTGATAACAAACTACTTTTTGAACTGGGCAAAATCT AGCCCAATATGTAATTGTGTTCCCTTGTATCTGAGAGGCCTGTGTTGGACAACCATAGTACTCTGCTT TCACTGTGCTCAGATAACCTGAAATATATAGTTGTTTCTGAGTAGTCTGAGTAGGAAAGAACCAATG TAAATTTCTTAGAGACCATCTGGAGAAGACAGTCTAAATCGGGCTTGATTTTTTTCATCTATGATCC TAGATGTTCTCTGAAAGAATGACTAGCCTTTTTATAACGATACAAAGTTTTTTAAAAATACATAAATG TCATAAAGTTTTATCCTGTGTATACACACTCTGGGTTCCAGGAGTTTTGTGCTTACATTTCACTACTCA AATGCCTTCGCAATCTCAGAACATTCCTCACCATCACTGCAGGCCTGTGAACAGATAACTTTCATCAA TTAGGATGGCTGGCTAGTGGCAGGGACTTCATATAAAGAAATCTTTCCAGAATTGTTTTCCACATTG CCTTCTAATTTGATCACTCCCTATAACAGATGTTCAAAATTCGGCCACAGCTCTCTTATGAAGGCAGAG TCAGATAAAATGATATTCTGCAATTATCTAGATCATAAGCATAAAATAAATTACAAAAATGATTGTA TTTTAAAGAAATTTTTAAAAATCCAGAAAGTCATTTAAAAATAGAACCTCATATAGTATGAACAACTATA AAAATATTTTACATTTTCATGAAAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG</pre>
<b>Restriction Sites:</b>	Sgfl-MluI
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_001030313.3</a>

**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]

**Locus ID:**

375298

**MW:**

59.4