

## Product datasheet for **SC215095**

### **CERKL (NM\_001160277) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	CERKL (NM_001160277) Human 3' UTR Clone
Symbol:	CERKL
Synonyms:	RP26
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001160277
Insert Size:	1542 bp



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**Insert Sequence:** >SC215095 3'UTR clone of NM\_001160277  
The sequence shown below is from the reference sequence of NM\_001160277. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGAAGCATGGAAGAAATGATTCCAAAGTAAACATGTAATTGTTTCTAAAAGAAATGTACAACTAGAATT
TTAATATAAAGAAATGTGGCCATGCTTTAAACCTGTGGTCCCCACCCCTTTTGGGACCAGTTTCATGGA
AGACAATTTTTCCGTGGATGGGGGAATGGTTTCAGGATGAACTGTTCCACCTCAGATCATCAGGCATTA
GATTCTCTTGAGGAACATGGCACTCTAGATCCCTCACATACCAGTTCACCATATGGTTCGCACCTCTAT
GAGAATCTAATGCTGCTGCTGATCTGACAGGGGGAGGAACTCAGTAATGCTCCATTGCTCTAACCTCCT
GCTGTGTGGCCAAACGGATATCCTAATAGAAATGATGTTACTAACAAATAGCCTCTAGGCTTTAAAA
GTCAAGATGAAATATCAATTCAAATCTGTTTTAGATATCAATTCAAATCTTTTTTTTACAATGTGT
TTATTGGACACACAAAAAACTTTGCAACCATCATAATACATCAATTTAACCTAGATAATTCTGAAA
TAATTTGGATTCTTTTCTTTTTCAGGATTTGAGCTCATCAATTATGTTAAATTTCTATATTCTGTTAC
AAATATAATACAGATTTTATAAGTCTGCCTTGATTCAGTCTCCCTAATCCAGAGCAGTTAAATTTCAA
AATCACATAGTTATATAGCCTACCTGCCAAAAAGAATAACCCATCCCTGTCTTCTTAAAGTGGTAGGG
TTTTAAAATTCATGATACAAGTAACAAAGTAAGTTGATAACAAACTACTATTTTGAAGTGGCAAAATCT
AGCCCAATATGTAATTGTGTTCCCTTGTATCTGAGAGGCCTGTGTTGGACAACCATAGTACTCTGCTT
TCACTGTGCTCAGATAACCTGAAATATATAGTTGTTTCTGAGTAGTTCGAGTAGGAAAGAACCAATG
TAAATTTCTTAGAGACCATCCTGGAGAAGACAGTCTAAATCGGGGCTTGATTTTTTTCATCTATGATCC
TAGATGTTCTCCTGAAAGAATGACTAGCCTTTTTATAACGATACAAAGTTTTTTAAAAATACATAAATG
TCATAAAGTTTTATCCTGTGTATACACACTCTGGGTTCCAGGAGTTTTGTGCTTACATTTCACTACTCA
AATGCCTTCGCAATCTCAGAACATTCCTCACCATCACTGCAGGCCTGTGAACAGATAACTTTCATCAA
TTAGGATGGCTGGCTAGTGGCAGGGACTTCATATAAAGAAATCTTTCCAGAATTGTTTTCCACATTG
CCTTCTAATTTGATCACTCCCTATAACAGATGTTCAAAATTCGGCCACAGCTCTCTTATGAAGGCAGAG
TCAGATAAAATGATATTCTGCAATTATCTAGATCATAAGCATAAAATAAATATTACAAAAATGATTGTA
TTTTAAAGAAATTTTTAAAAATCCAGAAAGTCATTTAAAAATAGAACCTCATATAGTATGAACAACTATA
AAAATATTTTACATTTTCATGAAAA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** 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).

**Components:** 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.

**RefSeq:** [NM\\_001160277.2](#)

**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