

Product datasheet for **SC215092**

CERKL (NM_001030312) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CERKL (NM_001030312) Human 3' UTR Clone
Symbol:	CERKL
Synonyms:	RP26
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001030312
Insert Size:	1542 bp



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Insert Sequence: >SC215092 3'UTR clone of NM_001030312
The sequence shown below is from the reference sequence of NM_001030312. 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
TTATTGGACACACAAAAAACTTTGCAACCATCATAATACATCAATATTTAACCTAGATAATTCTGAAA
TAATTTGGATTCTTTCATTTTTTCAGGATTTGAGCTCATCAATTATGTTAAATTTCTATATTCTGTTAC
AAATATAATACAGATTTTATAAGTCTGCCTTGATTCACTGCTCCCTAATCCAGAGCAGTTAAATTTCAA
AATCACATAGTTATATAGCCTACCTGCCAAAAAGAATAACCCATCCCTGTCTTCTTAAAGTGGTAGGG
TTTTAAAATTCATGATACAAGTAACAAAGTAAGTTGATAACAAACTACTATTTTGAAGTGGCAAAATCT
AGCCCAATATGTAATTGTGTTCCCTTGTATCTGAGAGGCCTGTGTTGGACAACCATAGTACTCTGCTT
TCACTGTGCTCAGATAACCTGAAATATATAGTTGTTTCTGAGTAGTCTGAGTAGGAAAGAACCAATG
TAAATTTCTTAGAGACCATCTGGAGAAGACAGTCTAAATCGGGGCTTGATTTTTTTCATCTATGATCC
TAGATGTTCTCCTGAAAGAATGACTAGCCTTTTTATAACGATACAAAGTTTTTTAAAAATACATAAATG
TCATAAAGTTTTATCCTGTGTATACACACTCTGGGTTCCAGGAGTTTTGTGCTTACATTTCACTACTCA
AATGCCTTCGCAATCTCAGAACATTCCTCACCATCACTGCAGGCCTGTGAACAGATAACTTTCATCAA
TTAGGATGGCTGGCTAGTGGCAGGGACTTCATATAAAGAAATCTTTCCAGAATTGTTTTCCACATTG
CCTTCTAATTTGATCACTCCCTATAACAGATGTTCAAAATTCGGCCACAGCTCTCTTATGAAGGCAGAG
TCAGATAAAATGATATTCTGCAATTATCTAGATCATAAGCATAAAATAAATATTACAAAAATGATTGTA
TTTTAAAGAAATTTTTAAAAATCCAGAAAGTCATTTAAAAATAGAACCTCATATAGTATGAACAACTATA
AAAATATTTTACATTTTCATGAAAA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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_001030312.3](#)

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