

## Product datasheet for TP323592L

### CERKL (NM\_201548) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ceramide kinase-like (CERKL), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223592 representing NM_201548 Red=Cloning site Green=Tags(s)

MPWRRRRNRVSALEGGREEEAPPEAAAVPPALLTSPQQTEAAAERILLRGIFEIGRDSCDVLSEALRW  
RPIQPERPAGDSKYDLLCKEEFIELKDIFSVKLRRCVSKQQRSGTLLGITLFLCKKEQNKLKNSTLDL  
INLSEHCDIWFRQFKKILAGFPNRPKSLKILLNPQSHKKEATQVYVEKVEPLLKLAGIKTDVTIMEYEG  
HALSLLKECELQGFQVVCVGGDGSASEVAHALLRAQKNAGMETDRILTVPRAQLPLGLIPAGSTNVLA  
HSLHGVPHVITATLHIIMGHVQLVDVCTFSTAGKLLRFGFSAMFGFGRTLALAEKYRWMSPNQRRDFAV  
VKALAKLKAEDCEISFLPFNSSDDVQERRAQGSPKSDCNDQWQMIQGQFLNVSIMAIPCLCSVAPRGLAP  
NTRLNNGSMALIARNTSRPEFIKHLKRYASVKNQFNFPVETVVEEVKVHPRNNTGGYNPEEEETA  
SENCFPWNVDGDLMEVASEVHIRLHPRLISLYGGSMEEMIPK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	59.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_963842](#)

Locus ID: 375298

UniProt ID: [Q49MI3](#)

RefSeq Size: 3123

Cytogenetics: 2q31.3

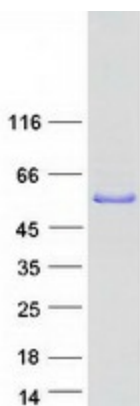
RefSeq ORF: 1596

Synonyms: RP26

**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]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified CERKL protein (Cat# [TP323592]). The protein was produced from HEK293T cells transfected with CERKL cDNA clone (Cat# [RC223592]) using MegaTran 2.0 (Cat# [TT210002]).