

# CRKL Knockout 293T Cell Lysate, Homozygous

Catalog No.: RM02364

## Basic Information

### Catalog No.

RM02364

### Category

Cell Lysate

### Parental Cell line

293T

### Genotype

Knockout

## Gene Information

### Gene Symbol

CRKL

### Species

Human

### Gene ID

1399

### Swiss Prot

P46109

## Contact

 | 400-999-6126

 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Background

This gene encodes a protein kinase containing SH2 and SH3 (src homology) domains which has been shown to activate the RAS and JUN kinase signaling pathways and transform fibroblasts in a RAS-dependent fashion. It is a substrate of the BCR-ABL tyrosine kinase, plays a role in fibroblast transformation by BCR-ABL, and may be oncogenic.[provided by RefSeq, Jan 2009]

## Product Information

### Description

CRKL Knockout 293T Cell Line is engineered from 293T cell line with Gene-Editing technology.

Allele-1:65bp deletion in exon1

Allele-2:80bp deletion in exon1

Mammalian cells such as human, rat and mouse cells are normally diploid with two alleles.

Homozygote: both alleles were knocked out, mRNA has no signal, no expression of proteins.

Heterozygote: only one allele was knocked out, the mRNA transcript levels was decreased compared to wild type, and the protein expression levels was also lower than that of the wild type.

### Packaging

1 vial parental cell Lysate and 1 vial knockout cell Lysate

### Shipping Conditions

4°C

### Amount

50µL, 2µg/µL.

### Storage

Lysate is stable for 12 months when stored at -20°C. Minimizing freeze-thaw cycles.

### Protocol

To be used as WB control. Lysate is supplied in 1× SDS sample buffer (2% SDS, 60 mM Tris-HCl pH 6.8, 10% Glycerol, 0.02% Bromophenol blue, 60 mM beta-mercaptoethanol). Lysate should be boiled for 3 - 5 minutes before loading onto gel.

## Sequencing data

---

WT GGCAGCGCCACGG\*\*\*\*\*CGCGGGTCTCCCAC  
Mut GGCAGCGCCACGG\*\*\*Deletion\*\*\*CGCGGGTCTCCCAC  
Allele-1: 65bp deletion in exon1  
WT GCTCCAGGGCCAGC\*\*\*\*\*TCCCACTACATCAT  
Mut GCTCCAGGGCCAGC\*\*\*Deletion\*\*\*TCCCACTACATCAT  
Allele-2: 80bp deletion in exon1

Genome sequence analysis of PCR products from parental (WT) and CRKL knockout (KO) 293T cells, using sanger sequencing.