Leader in Biomolecular Solutions for Life Science

www.abclonal.com

PRKDC Knockdown 293T Cell Lysate, Heterozygous

Catalog No.: RM50107

Basic Information

Catalog No.
RM50107

Category
Cell Lysate

Parental Cell line
293T

Genotype
Knockdown

Background

This gene encodes the catalytic subunit of the DNA-dependent protein kinase (DNA-PK). It functions with the Ku70/Ku80 heterodimer protein in DNA double strand break repair and recombination. The protein encoded is a member of the PI3/PI4-kinase family.

Gene Information

Gene Symbol
PRKDC

Species
Human

Gene ID
5591

Swiss Prot
P78527

Synonyms
HYRC; p350; DNAPK; DNPK1; HYRC1; IMD26; XRCC7; DNAPKc; DNA-PKC; DNA-PKcs

Product Information

Description
PRKDC Knockdown cell line is engineered from 293T cell line with Gene-Editing Technology.
Allele-1:18bp deletion in exon1
Allele-2:32bp 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℃

Amount
50μL, 2μg/μL.

Storage
Store at -20℃

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.

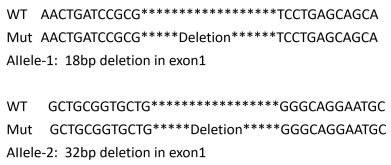
Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Sequencing data



Genome sequence analysis of PCR products from parental (WT) and PRKnockdownC knockdown (KD) 293T cells, using sanger sequencing.