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PCIF1 Knockout 293T Cell Lysate, Homozygous

Catalog No.: RM02349

Basic Information

Catalog No.
RM02349

Category
Cell Lysate

Parental Cell line
293T

Genotype
Knockout

Gene Information

Gene Symbol
PCIF1

Species
Human

Gene ID
63935

Swiss Prot
Q9H4Z3

Synonyms
C20orf67; PPP1R121

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Background

Product Information

Description
PCIF1 Knockout 293T Cell Line is engineered from 293T cell line with Gene-Editing technology.
Allele-1:exon1 was deleted
Allele-2:exon1 was deleted
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.

Sequencing data

WT TTGTAATTGGCGGG**********AGTGGGGTGGTGGG
Mut TTGTAATTGGCGGG***Deletion***AGTGGGGTGGTGGG
Allele-1: exon1 was deleted

WT TTGTAATTGGCGGG**********AGTGGGGTGGTGGG
Mut TTGTAATTGGCGGG***Deletion***AGTGGGGTGGTGGG
Allele-2: exon1 was deleted

Genome sequence analysis of PCR products from parental (WT) and PCIF1 knockout (KO) 293T cells, using sanger sequencing.