

KRT36 Knockout HeLa Cell Lysate, Homozygous

Catalog No.: RM02459

Basic Information

Catalog No.

RM02459

Category

Cell Lysate

Parental Cell line

HeLa

Genotype

Knockout

Gene Information

Gene Symbol

KRT36

Species

Human

Gene ID

8689

Swiss Prot

O76013

Synonyms

HA6; KRTHA6; hHa6

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Background

The protein encoded by this gene is a member of the keratin gene family. This type I hair keratin is an acidic protein which heterodimerizes with type II keratins to form hair and nails. The type I hair keratins are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription. [provided by RefSeq, Jul 2008]

Product Information

Description

KRT36 Knockout HeLa Cell Line is engineered from HeLa cell line with Gene-Editing technology.

Allele-1:257bp deletion in exon1

Allele-2:257bp 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 GCAGGGTCCCAGT*****GTGGTACGAGTTTC
Mut GCAGGGTCCCAGT***Deletion***GTGGTACGAGTTTC
Allele-1: 257bp deletion in exon1
WT GCAGGGTCCCAGT*****GTGGTACGAGTTTC
Mut GCAGGGTCCCAGT***Deletion***GTGGTACGAGTTTC
Allele-2: 257bp deletion in exon1

Genome sequence analysis of PCR products from parental (WT) and KRT36 knockout (KO) HeLa cells, using sanger sequencing.