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ALKBH5 Knockout 293T Cell Lysate, Homozygous

Catalog No.: RM02348

Basic Information

Catalog No.
RM02348

Category
Cell Lysate

Parental Cell line
293T

Genotype
Knockout

Gene Information

Gene Symbol
ALKBH5

Species
Human

Gene ID
54890

Swiss Prot
Q6P6C2

Synonyms
ABH5; OFOXD; OFOXD1

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Background

Product Information

Description
ALKBH5 Knockout 293T Cell Line is engineered from 293T cell line with Gene-Editing technology.
Allele-1:89bp deletion in exon1
Allele-2:89bp 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.

Sequencing data

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WT     CCGGGACAACTATA**************TCCGGGGCCAAGCG
Mut    CCGGGACAACTATA***Deletion***TCCGGGGCCAAGCG
Allele-1：89bp deletion in exon1

WT     CCGGGACAACTATA**************TCCGGGGCCAAGCG
Mut    CCGGGACAACTATA***Deletion***TCCGGGGCCAAGCG
Allele-2：89bp deletion in exon1
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Genome sequence analysis of PCR products from parental (WT) and ALKBH5 knockout (KO) 293T cells, using sanger sequencing.