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ULK1 Knockout 293T Cell Lysate, Homozygous

Catalog No.: RM02033

Basic Information

Catalog No.
RM02033

Category
Cell Lysate

Parental Cell line
293T

Genotype
Knockout

Background

Gene Information

Gene Symbol
ULK1

Species
Human

Gene ID
8408

Swiss Prot
O75385

Synonyms
ATG1; ATG1A; UNC51; Unc51.1; hATG1

Product Information

Description
ULK1 Knockout 293T Cell Line is engineered from 293T cell line with Gene-Editing technology.
Allele-1:exon5 was deleted
Allele-2:exon5 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.

Contact

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Sequencing data

WT TGCTGCAGCCTGAT**********TTAAGGATGCAGTC
Mut TGCTGCAGCCTGAT***Deletion***TTAAGGATGCAGTC
Allele-1: exon5 was deleted

WT TGCTGCAGCCTGAT**********TTAAGGATGCAGTC
Mut TGCTGCAGCCTGAT***Deletion***TTAAGGATGCAGTC
Allele-2: exon5 was deleted

Genome sequence analysis of PCR products from parental (WT) and ULK1 knockout (KO) 293T cells, using sanger sequencing.

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