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HELLS Knockout 293T Cell Lysate, Homozygous

Catalog No.: RM50029

Basic Information

Catalog No.
RM50029

Category
Cell Lysate

Parental Cell line
293T

Genotype
Knockout

Background

This gene encodes a lymphoid-specific helicase. Other helicases function in processes involving DNA strand separation, including replication, repair, recombination, and transcription. This protein is thought to be involved with cellular proliferation and may play a role in leukemogenesis. Alternatively spliced transcript variants encoding different isoforms have been identified.

Gene Information

Gene Symbol
HELLS

Species
Human

Gene ID
3070

Swiss Prot
Q9NRZ9

Synonyms
LSH; ICF4; PASG; SMARCA6; Nbla10143; LS

Product Information

Description
HELLS Knockout cell line is engineered from 293T cell line with Gene-Editing Technology.
Allele-1:64bp deletion in exon8
Allele-2:64bp deletion in exon8
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

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WT    TTTTTGACCCAGTC**********GATGGTACCAAGTA
Mut   TTTTTGACCCAGTC***Deletion***GATGGTACCAAGTA
AIlele-1:   64bp deletion in exon8

WT    TTTTTGACCCAGTC**********GATGGTACCAAGTA
Mut   TTTTTGACCCAGTC***Deletion***GATGGTACCAAGTA
AIlele-2:   64bp deletion in exon8
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Genome sequence analysis of PCR products from parental (WT) and HELLS knockout (KO) 293T cells, using sanger sequencing.