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SND1 Knockout HeLa Cell Lysate, Homozygous

Catalog No.: RM02263

Basic Information

Catalog No.
RM02263

Category
Cell Lysate

Parental Cell line
HeLa

Genotype
Knockout

Gene Information

Gene Symbol
SND1

Species
Human

Gene ID
27044

Swiss Prot
Q7KZF4

Synonyms
TDRD11; Tudor-SN; p100

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Background

This gene encodes a transcriptional co-activator that interacts with the acidic domain of Epstein-Barr virus nuclear antigen 2 (EBNA 2), a transcriptional activator that is required for B-lymphocyte transformation. Other transcription factors that interact with this protein are signal transducers and activators of transcription, STATs. This protein is also thought to be essential for normal cell growth. A similar protein in mammals and other organisms is a component of the RNA-induced silencing complex (RISC). [provided by RefSeq, Jul 2016]

Product Information

Description
SND1 Knockout HeLa Cell Line is engineered from HeLa cell line with Gene-Editing technology.
Allele-1:76bp deletion in exon2
Allele-2:76bp deletion in exon2
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    GCGCCATCATTGTC**************GCCGGGCAGCCGCC
Mut   GCGCCATCATTGTC***Deletion***GCCGGGCAGCCGCC
Allele-1：76bp deletion in exon2
WT    GCGCCATCATTGTC**************GCCGGGCAGCCGCC
Mut   GCGCCATCATTGTC***Deletion***GCCGGGCAGCCGCC
Allele-2：76bp deletion in exon2
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Genome sequence analysis of PCR products from parental (WT) and SND1 Knockout (KO) HeLa cells, using sanger sequencing.