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FAM50B Knockout NIH/3T3 Cell Lysate, Homozygous

Catalog No.: RM02335

Basic Information

Catalog No.
RM02335

Category
Cell Lysate

Parental Cell line
NIH/3T3

Genotype
Knockout

Gene Information

Gene Symbol
FAM50B

Species
Mouse

Gene ID
108161

Synonyms
D0H6S2654E; X5L; XAP-5-like

Contact

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Background

Product Information

Description
FAM50B Knockout NIH/3T3 Cell Line is engineered from NIH/3T3 cell line with Gene-Editing technology.
Allele-1:56bp deletion in exon1
Allele-2:56bp 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
Lysate is stable for 12 months when stored at -20℃. 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    GAAGCAGCGCATCG**************GCCGTGGAGGCCGA
Mut   GAAGCAGCGCATCG***Deletion***GCCGTGGAGGCCGA
Allele-1: 56bp deletion in exon1

WT    GAAGCAGCGCATCG**************GCCGTGGAGGCCGA
Mut   GAAGCAGCGCATCG***Deletion***GCCGTGGAGGCCGA
Allele-2: 56bp deletion in exon1
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Genome sequence analysis of PCR products from parental (WT) and FAM50B knockout (KO) NIH3T3 cells, using sanger sequencing.