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EDF1 Knockout NIH/3T3 Cell Lysate, Homozygous

Catalog No.: RM02320

Basic Information

Catalog No.
RM02320

Category
Cell Lysate

Parental Cell line
NIH/3T3

Genotype
Knockout

Gene Information

Gene Symbol
EDF1

Species
Mouse

Gene ID
59022

Synonyms
0610008L11Rik; AA409425

Contact

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Background

Product Information

Description
EDF1 Knockout NIH/3T3 Cell Line is engineered from NIH3T3 cell line with Gene-Editing technology.
Allele-1:exon1 was deleted
Allele-2:exon1 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.

Sequencing data

```
WT     AGCAGCTGCCAGAG**************GGCGCTCTGCGGTC
Mut    AGCAGCTGCCAGAG***Deletion***GGCGCTCTGCGGTC
Allele-1：exon1 was deleted

WT     AGCAGCTGCCAGAG**************GGCGCTCTGCGGTC
Mut    AGCAGCTGCCAGAG***Deletion***GGCGCTCTGCGGTC
Allele-2：exon1 was deleted
```

Genome sequence analysis of PCR products from parental (WT) and EDF1 knockout (KO) NIH3T3 cells, using sanger sequencing.

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