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NRBF2 Knockout 293T Cell Lysate, Homozygous

Catalog No.: RM02470

Basic Information

Catalog No.
RM02470

Category
Cell Lysate

Parental Cell line
293T

Genotype
Knockout

Gene Information

Gene Symbol
NRBF2

Species
Human

Gene ID
29982

Swiss Prot
Q96F24

Synonyms
COPR; COPR1; COPR2; NRBF-2

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Background

Product Information

Description
NRBF2 Knockout 293T Cell Line is engineered from 293T cell line with Gene-Editing technology.
Allele-1:235bp deletion in exon1
Allele-2:235bp 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

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WT    TTGTTGCTCCTTCA**************CGTCGGCTAACCCT
Mut   TTGTTGCTCCTTCA***Deletion***CGTCGGCTAACCCT
Allele-1：235bp deletion in exon1

WT    TTGTTGCTCCTTCA**************CGTCGGCTAACCCT
Mut   TTGTTGCTCCTTCA***Deletion***CGTCGGCTAACCCT
Allele-2：235bp deletion in exon1
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Genome sequence analysis of PCR products from parental (WT) and NRBF2 knockout (KO) 293T cells, using sanger sequencing.