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RBFOX3 Knockdown 293T Cell Lysate, Heterozygous

Catalog No.: RM01787

Basic Information

Catalog No.
RM01787

Category
Cell Lysate

Parental Cell line
293T

Genotype
Knockdown

Background

Gene Information

Species
Human

Gene ID
146713

Swiss Prot
A6NFN3

Synonyms
FOX-3; FOX3; HRNBP3; NEUN

Contact

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Product Information

Description
RBFOX3 Knockdown 293T Cell Line is engineered from 293T cell line with Gene-Editing technology.
Allele-1:110bp deletion in exon1
Allele-2:111bp 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     CACCGCACCCCACG**************CGCCGGGACCCAGA
Mut    CACCGCACCCCACG***Deletion***CGCCGGGACCCAGA
Allele-1：110bp deletion in exon1

WT     CACCGCACCCCACG**************GCCGGGACCCAGAC
Mut    CACCGCACCCCACG***Deletion***GCCGGGACCCAGAC
Allele-2：111bp deletion in exon1
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Genome sequence analysis of PCR products from parental (WT) and RBFOX3 Knockdown (KD) 293T cells, using sanger sequencing.