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IGFBP5 Knockdown 293T Cell Lysate, Heterozygous

Catalog No.: RM02277

Basic Information

Catalog No.
RM02277

Category
Cell Lysate

Parental Cell line
293T

Genotype
Knockdown

Gene Information

Gene Symbol
IGFBP5

Species
Human

Gene ID
3488

Swiss Prot
P24593

Synonyms
IBP5

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Background

Product Information

Description
IGFBP5 Knockdown 293T Cell Line is engineered from 293T cell line with Gene-Editing technology.
Allele-1:100bp deletion in exon1
Allele-2:100bp 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
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

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WT    CTGCGAGCCCTGCG**************GCAGTCGTGCGGCG
Mut   CTGCGAGCCCTGCG***Deletion***GCAGTCGTGCGGCG
Allele-1: 100bp deletion in exon1

WT    CTGCGAGCCCTGCG**************GCAGTCGTGCGGCG
Mut   CTGCGAGCCCTGCG***Deletion***GCAGTCGTGCGGCG
Allele-2: 100bp deletion in exon1
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Genome sequence analysis of PCR products from parental (WT) and IGFBP5 Knockdown (KD) 293T cells, using sanger sequencing.