

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°C

Amount

50µL, 2µg/µL.

Storage

Lysate is stable for 12 months when stored at -20°C. 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 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

Genome sequence analysis of PCR products from parental (WT) and IGFBP5 Knockdown (KD) 293T cells, using sanger sequencing.