

MICU2 Knockdown 293T Cell Lysate, Heterozygous

Catalog No.: RM02302

Basic Information

Catalog No.

RM02302

Category

Cell Lysate

Parental Cell line

293T

Genotype

Knockdown

Gene Information

Gene Symbol

MICU2

Species

Human

Gene ID

221154

Swiss Prot

Q8IYU8

Synonyms

1110008L20Rik; EFHA1

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Background

Product Information

Description

MICU2 Knockdown 293T Cell Line is engineered from 293T cell line with Gene-Editing technology.

Allele-1:2bp deletion and 6pb deletion in exon1

Allele-2:5bp deletion and 4bp insertion 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 GGGGCGAAACTGCGACGGGGGCTCGCTG***AGCGGCTGGCACACAGCCGCTCAAGTGTGGG
Mut GGGGCGAAACTG - ACGGGGCTCGCTG***AGCGGCTGGCAC - - - - -GCCTCAAGTGTGGG
Allele 1: 2bp deletion and 6bp deletion in exon1
WT GGGGCGAAACTGCGACGGGGGCTCGCTGCA***GCCGGCACACAG - - - - -CCGCTCAAGTGTGGG
Mut GGGGCGAAACTG - - - - -GGGGCTCGCTGCA***GCCGGCACACAGTCCAGCGCTCAAGTGTGGG
Allele 2: 5bp deletion and 4bp insertion in exon1

Genome sequence analysis of PCR products from parental (WT) and MICU2 Knockdown (KD) 293T cells, using sanger sequencing.