

MLST8 Knockdown 293T Cell Lysate, Heterozygous

Catalog No.: RM02490

Basic Information

Catalog No.

RM02490

Category

Cell Lysate

Parental Cell line

293T

Genotype

Knockdown

Gene Information

Gene Symbol

MLST8

Species

Human

Gene ID

64223

Swiss Prot

Q9BVC4

Synonyms

GBL; GbetaL; LST8; POP3; WAT1

Contact

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Background

Product Information

Description

MLST8 Knockdown 293T Cell Line is engineered from 293T cell line with Gene-Editing technology.

Allele-1:73bp deletion in exon1

Allele-2:1bp 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 CATCCTCCTTAACA*****CTCTGGTGGGTCGA
Mut CATCCTCCTTAACA*****CTCTGGTGGGTCGA
Allele-1: WT

WT CATCCTCCTTAACA*****CTCTGGTGGGTCGA
Mut CATCCTCCTTAACA***Deletion***CTCTGGTGGGTCGA
Allele-2: exon2 was deletion

Genome sequence analysis of PCR products from parental (WT) and MLST8 knockdown (KD) 293T cells, using sanger sequencing.