

TOMM20 Knockout 293T Cell Lysate, Homozygous

Catalog No.: RM02372

Basic Information

Catalog No.

RM02372

Category

Cell Lysate

Parental Cell line

293T

Genotype

Knockout

Gene Information

Gene Symbol

TOMM20

Species

Human

Gene ID

9804

Swiss Prot

Q15388

Synonyms

MAS20; MOM19; TOM20

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Background

Product Information

Description

TOMM20 Knockout 293T Cell Line is engineered from 293T cell line with Gene-Editing technology.

Allele-1:exon1 was deleted

Allele-2:exon1 was deleted

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 TGCGCCGACCGCTC*****AGTGGGTCCTCTCT
Mut TGCGCCGACCGCTC***Deletion***AGTGGGTCCTCTCT
Allele-1: exon1 was deleted

WT TGCGCCGACCGCTC*****CCCTGGCCAGGCTT
Mut TGCGCCGACCGCTC***Deletion***CCCTGGCCAGGCTT
Allele-2: exon1 was deleted

Genome sequence analysis of PCR products from parental (WT) and TOMM20 knockout (KO) 293T cells, using sanger sequencing.