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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℃

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

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

WT     TGCGCCGACCGCTC***************CCCTGGCCAGGCTT
Mut    TGCGCCGACCGCTC***Deletion***CCCTGGCCAGGCTT
Allele-2:  exon1 was deleted
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Genome sequence analysis of PCR products from parental (WT) and TOMM20 knockout (KO) 293T cells, using sanger sequencing.

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