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EMRE Knockout 293T Cell Lysate, Homozygous

Catalog No.: RM02313

Basic Information

Catalog No.
RM02313

Category
Cell Lysate

Parental Cell line
293T

Genotype
Knockout

Background

Gene Information

Gene Symbol
EMRE

Species
Human

Gene ID
91689

Swiss Prot
Q9H4I9

Synonyms
C22orf32; DDDD; EMRE; dJ186O1.1

Product Information

Description
EMRE Knockout 293T Cell Line is engineered from 293T cell line with Gene-Editing technology.
Allele-1:55bp deletion in exon1
Allele-2:56bp 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℃

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.

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Sequencing data

WT CGATGTCTCCGCCG**********CAGCGGCGCCATTT
Mut CGATGTCTCCGCCG***Deletion***CAGCGGCGCCATTT
Allele-1: 55bp deletion in exon1

WT GCGATGTCTCCGCC**********CAGCGGCGCCATTT
Mut GCGATGTCTCCGCC***Deletion***CAGCGGCGCCATTT
Allele-2: 56bp deletion in exon1

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