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ATG13 Knockout 293T Cell Lysate, Homozygous

Catalog No.: RM02478

Basic Information

Catalog No.
RM02478

Category
Cell Lysate

Parental Cell line
293T

Genotype
Knockout

Background

The protein encoded by this gene is an autophagy factor and a target of the TOR kinase signaling pathway. The encoded protein is essential for autophagosome formation and mitophagy. [provided by RefSeq, Oct 2016]

Gene Information

Gene Symbol
ATG13

Species
Human

Gene ID
9776

Swiss Prot
O75143

Synonyms
KIAA0652; PARATARG8

Product Information

Description
ATG13 Knockout 293T Cell Line is engineered from 293T cell line with Gene-Editing technology.
Allele-1:335bp deletion in exon1
Allele-2:335bp 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.

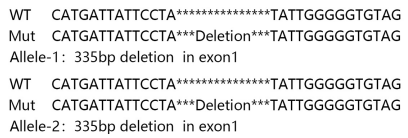
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Sequencing data



Genome sequence analysis of PCR products from parental (WT) and ATG13 knockout (KO) 293T cells, using sanger sequencing.

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