

FAM160B2 Knockdown HuH-7 Cell Lysate, Heterozygous

Catalog No.: RM02380

Basic Information

Catalog No.

RM02380

Category

Cell Lysate

Parental Cell line

HuH-7

Genotype

Knockdown

Gene Information

Gene Symbol

FAM160B2

Species

Human

Gene ID

64760

Swiss Prot

Q86V87

Synonyms

RAI16

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Background

Product Information

Description

FAM160B2 Knockdown HuH-7 Cell Line is engineered from HuH-7 cell line with Gene-Editing technology.

Allele-1:2bp deletion in exon3

Allele-2:141bp deletion in exon3

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 TGAAAGCACCCCGCAAGAAGACAGACAT
Mut TGAAAGCACCCCG - AAGAAGACAGACAT
Allele-1: 2bp deletion in exon3

WT GAAAGCACCCCGC*****GCTGGGCAAGGCCG
Mut GAAAGCACCCCGC***Deletion***GCTGGGCAAGGCCG
Allele-2: 141bp deletion in exon3

Genome sequence analysis of PCR products from parental (WT) and FAM160B2 Knockdown (KD) Huh-7 cells, using sanger sequencing.