

CA125 Knockdown HeLa Cell Lysate, Heterozygous

Catalog No.: RM02562

Basic Information

Catalog No.

RM02562

Category

Cell Lysate

Parental Cell line

HeLa

Genotype

Knockdown

Gene Information

Gene Symbol

CA125

Species

Human

Gene ID

94025

Swiss Prot

Q8WXI7

Synonyms

CA125

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Background

Product Information

Description

CA125 Knockdown HeLa Cell Line is engineered from HeLa cell line with Gene-Editing technology.

Allele-1:57bp deletion in exon1; Allele-2:34bp 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°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 TCCTACATCTTCGG*****CCTCTAGAGGAATG
Mut TCCTACATCTTCGG***Deletion***CCTCTAGAGGAATG
Allele-1: 57bp deletion in exon1

WT ATCTTCGG*****GG***CT***CTCTAGAGGAATGAC
Mut ATCTTCGG*Deletion*GG***CT***CTCT-----TGAC
Allele-2: 34bp deletion in exon1

Genome sequence analysis of PCR products from parental (WT) and CA125 Knockdown (KD) HeLa cells, using sanger sequencing.