

Human ECI2 (PECI) knockout HEK-293T cell lysate ab263179

1 图像

概述

产品名称	人ECI2 (PECI) knockout HEK-293T cell裂解物
产品概述	Knockout cell lysate achieved by CRISPR/Cas9.
Parental Cell Line	HEK293T
Organism	Human
Mutation description	Knockout achieved by using CRISPR/Cas9, Homozygous: 1 bp insertion in exon 4.
Passage number	<20
Knockout validation	Sanger Sequencing
Reconstitution notes	To use as WB control, resuspend the lyophilizate in 50 µL of LDS* Sample Buffer to have a final concentration of 2 mg/ml. For reducing conditions, we recommend a final concentration of 0.1 M DTT.

**Usage of SDS sample buffer is not recommended with these lyophilized lysates.*

说明

Lysate preparation: Our lysates are made using RIPA buffer to which we add a protease inhibitor cocktail and phosphatase inhibitor cocktail (ratio: 300:100:10). *This means that the protein of interest is denatured.* If you require a native form of the protein please use the live cell version - found [here](#). Please refer to our lysis protocol for further details on how our lysates are prepared.

User storage instructions: Lyophilizate may be stored at 4°C. After reconstitution, store at -20°C for short-term storage or -80°C for long-term storage.

Access thousands of knockout cell lysates, generated from commonly used cancer cell lines.

[See here for more information on knockout cell lysates.](#)

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性能

存放说明

Store at -80°C. Please refer to protocols.

组件	1 kit
ab260786 - Human ECI2 knockout HEK293T cell lysate	1 x 100µg
ab255553 - Human wild-type HEK293T cell lysate	1 x 100µg

Cell type	epithelial
STR Analysis	Amelogenin X D5S818: 8, 9 D13S317: 12, 14 D7S820: 11 D16S539: 9, 13 vWA: 16, 19 TH01: 7, 9.3 TPOX: 11 CSF1PO: 11, 12

靶标

功能	Able to isomerize both 3-cis and 3-trans double bonds into the 2-trans form in a range of enoyl-CoA species. Has a preference for 3-trans substrates.
组织特异性	Abundant in heart, skeletal muscle and liver. Expressed in CD34(+) T-cells and CD34(+) bone marrow cells.
序列相似性	In the C-terminal section; belongs to the enoyl-CoA hydratase/isomerase family. Contains 1 ACB (acyl-CoA-binding) domain.
细胞定位	Mitochondrion and Peroxisome matrix.

图片

Mut

WT

TGATTTCTGTCTGTTCCAGGCTCCACCTAGACTAGAGGATTCCAATGAAGGACTCAAAC

TGATTTCTGTCTGTTCCAGGCTCCACCT-GACTAGAGGATTCCAATGAAGGACTCAAAC

Homozygous: 1 bp insertion in exon 4

Sanger Sequencing - Human ECI2 knockout
HEK293T cell lysate (ab263179)

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