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# ECE1 Knockdown HeLa Cell Lysate, Heterozygous

**Catalog No.: RM02358**

## Basic Information

**Catalog No.**
RM02358

**Category**
Cell Lysate

**Parental Cell line**
HeLa

**Genotype**
Knockdown

## Gene Information

**Gene Symbol**
ECE1

**Species**
Human

**Gene ID**
1889

**Swiss Prot**
P42892

**Synonyms**
ECE

## Contact


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## Background

The protein encoded by this gene is involved in proteolytic processing of endothelin precursors to biologically active peptides. Mutations in this gene are associated with Hirschsprung disease, cardiac defects and autonomic dysfunction. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.[provided by RefSeq, Sep 2009]

## Product Information

**Description**
ECE1 Knockdown HeLa Cell Line is engineered from HeLa cell line with Gene-Editing technology.
Allele-1:3bp deletion and 15bp deletion in exon1
Allele-2:71bp 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.

## Sequencing data




Genome sequence analysis of PCR products from parental (WT) and ECE1 Knockdown (KD) HeLa cells, using sanger sequencing.



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