

HBEGF Knockout 293T Cell Lysate, Homozygous

Catalog No.: RM02276

Basic Information

Catalog No.

RM02276

Category

Cell Lysate

Parental Cell line

293T

Genotype

Knockout

Gene Information

Gene Symbol

HBEGF

Species

Human

Gene ID

1839

Swiss Prot

Q99075

Synonyms

DTR; DTS; DTSF; HEGFL

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Background

Product Information

Description

HBEGF Knockout 293T Cell Line is engineered from 293T cell line with Gene-Editing technology.

Allele-1:83bp deletion in exon2

Allele-2:83bp deletion in exon2

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

 ${\bf 1}$ vial parental cell Lysate and ${\bf 1}$ vial knockout cell Lysate

$\begin{array}{lll} \textbf{Shipping Conditions} & \textbf{Amount} \\ 4^{\circ} C & 50 \mu\text{L}, 2 \mu\text{g}/\mu\text{L}. \end{array}$

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 $1\times$ 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 TGGAGCGGCTTCGG*************CCGGAAAGTCCGTG
Mut TGGAGCGGCTTCGG***Deletion***CCGGAAAGTCCGTG

Allele-1: 83bp deletion in exon2

WT TGGAGCGGCTTCGG**************CCGGAAAGTCCGTG
Mut TGGAGCGGCTTCGG***Deletion***CCGGAAAGTCCGTG

Allele-2: 83bp deletion in exon2

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