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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
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

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