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VANGL2 Knockdown 293T Cell Lysate, Heterozygous

Catalog No.: RM02363

Basic Information

Catalog No.
RM02363

Category
Cell Lysate

Parental Cell line
293T

Genotype
Knockdown

Background

The protein encoded by this gene is a membrane protein involved in the regulation of planar cell polarity, especially in the stereociliary bundles of the cochlea. The encoded protein transmits directional signals to individual cells or groups of cells in epithelial sheets. This protein is also involved in the development of the neural plate. [provided by RefSeq, Sep 2011]

Gene Information

Gene Symbol
VANGL2

Species
Human

Gene ID
57216

Swiss Prot
Q9ULK5

Synonyms
LPP1; LTAP; STB1; STBM; STBM1

Product Information

Description
VANGL2 Knockdown 293T Cell Line is engineered from 293T cell line with Gene-Editing technology.
Allele-1:49bp deletion in exon2
Allele-2:28bp 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.

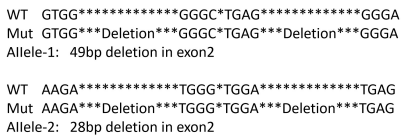
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Sequencing data



Genome sequence analysis of PCR products from parental (WT) and VANGL2 Knockdown (KD) 293T cells, using sanger sequencing.