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FZD5 Knockout 293T Cell Lysate, Homozygous

Catalog No.: RM50030

Basic Information

Catalog No.
RM50030

Category
Cell Lysate

Parental Cell line
293T

Genotype
Knockout

Background

Members of the 'frizzled' gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The FZD5 protein is believed to be the receptor for the Wnt5A ligand.

Gene Information

Gene Symbol
FZD5

Species
Human

Gene ID
7855

Swiss Prot
Q13467

Synonyms
HFZ5; C2orf31; FZD5

Product Information

Description
FZD5 Knockout cell line is engineered from 293T cell line with Gene-Editing Technology.
Allele-1:113bp deletion in exon1
Allele-2:112bp 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
Lysate is stable for 12 months when stored at -20℃. Minimizing freeze-thaw cycles.

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.

Contact

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Sequencing data

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WT    ACGGTGCCCATGTG**************CGCCGGACCTGCG
Mut   ACGGTGCCCATGTG***Deletion***CGCCGGACCTGCG
Allele-1:   113bp deletion in exon1

WT    ACGGTGCCCATGTG**************TCGCCGGACCTGC
Mut   ACGGTGCCCATGTG***Deletion***TCGCCGGACCTGC
Allele-2:   112bp deletion in exon1
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Genome sequence analysis of PCR products from parental (WT) and FZD5 knockout (KO) 293T cells, using sanger sequencing.