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DCTN4 Knockdown HeLa Cell Lysate, Heterozygous

Catalog No.: RM50042

Basic Information

Catalog No.
RM50042

Category
Cell Lysate

Parental Cell line
HeLa

Genotype
Knockdown

Gene Information

Gene Symbol
DCTN4

Species
Human

Gene ID
51164

Swiss Prot
Q9UJW0

Synonyms
P62; DYN4

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Background

Enables protein N-terminus binding activity. Located in centrosome. [provided by Alliance of Genome Resources, Apr 2022]

Product Information

Description
DCTN4 Knockdown HeLa cell line is engineered from HeLa cell line with Gene-Editing Technology.
Allele-1:6bp deletion in exon3
Allele-2:166bp deletion in exon3
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

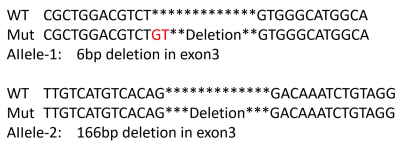
Shipping Conditions
4℃

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.

Sequencing data



Genome sequence analysis of PCR products from parental (WT) and DCTN4 knockdown (KD) HeLa cells, using sanger sequencing.