

Human MOV10 Knockdown Cell Line (WB-Validated)



Catalog #: C62382

Aliases

Mov10 RNA Helicase; Mov10 RISC Complex RNA Helicase; FSAP113; Gb110; Functional Spliceosome-Associated Protein 113; Moloney Leukemia Virus 10 Protein; Armitage Homolog; Helicase MOV-10; MGC2948; Mov10, Moloney Leukemia Virus 10, Homolog (Mouse); Mov10 (Moloney Leukemia Virus 10, Mouse) Homolog; Mov10, Moloney Leukemia Virus 10, Homolog; Putative Helicase MOV-10; EC 3.6.4.13; KIAA1631; EC 3.6.1

Background

Gene Name: MOV10
NCBI Gene Entry: [4343](#)

Storage

Store at liquid nitrogen for 1 year.

Kit Components

1. Human MOV10 Knockdown Cell Line (Wb-Validated)
2. Wild-type cell line

Parental Cell Line

Human cell line supplied by the client

Validation Methods

RT-qPCR, Western blotting (WB)

Shipping

Shipped on Dry Ice.

Instructions For Use

This knockdown cell line should be paired with wild-type cell line for use.

Note: This product is for research use only.

Validation Data

SUPPORT

SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

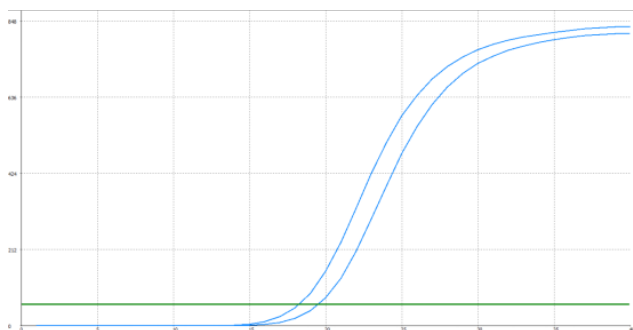
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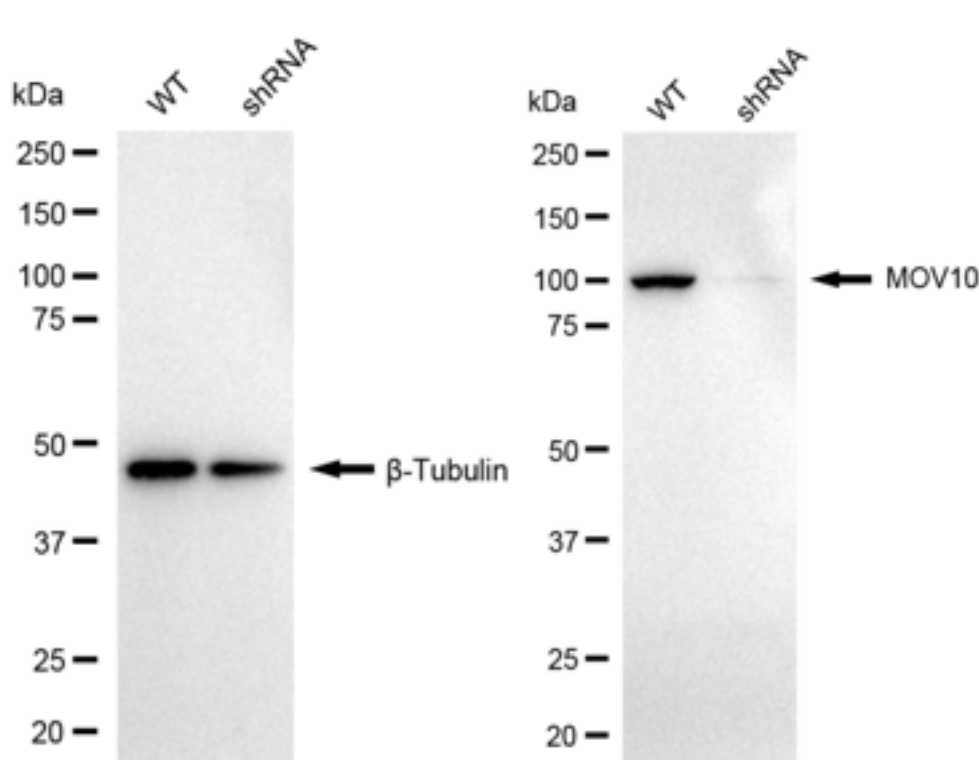
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Genotype	Ct Value
Wild-Type	18.23
Knock-Down	19.44
ΔCt (CtKD-CtWT)	1.21
% mRNA Reduction	57%

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RT-qPCR analysis. HeLa cells were infected with MOV10-specific shRNA lentiviral particles, total RNA was extracted from wild-type and knockdown cells, RT-qPCR was performed using gene-specific primers. ΔCt (CtKD-CtWT) was used to calculate mRNA reduction (%) between wild-type and knockdown cells using the following formula: $(1 - 1/2^{\Delta Ct}) \times 100\%$.



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Western blotting analysis. MOV10 protein expression in wild-type (WT) and shRNA knockdown (KD) HeLa cells was detected using Western blotting. β -Tubulin served as a loading control. The blots were incubated with primary antibodies against MOV10 and β -Tubulin, respectively, followed by incubating with HRP-conjugated goat anti-rabbit secondary antibody. Images were developed using FeQ™ ECL Substrate Kit.

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