

Human DEK Knockdown Cell Line (WB-Validated)



Catalog #: C61604

Aliases

DEK; DEK Proto-Oncogene; D6S231E; DEK Oncogene (DNA Binding); Protein DEK; DEK Oncogene

Background

Gene Name: DEK

NCBI Gene Entry: [7913](#)

Storage

Store at liquid nitrogen for 1 year.

Kit Components

1. Human DEK 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

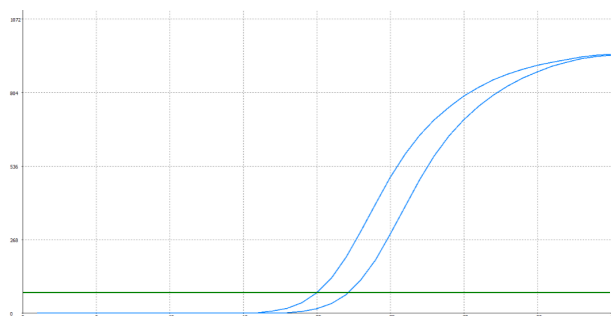
SUPPORT

SUPPORT@GENUINBIOTECH.COM
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ORDERS

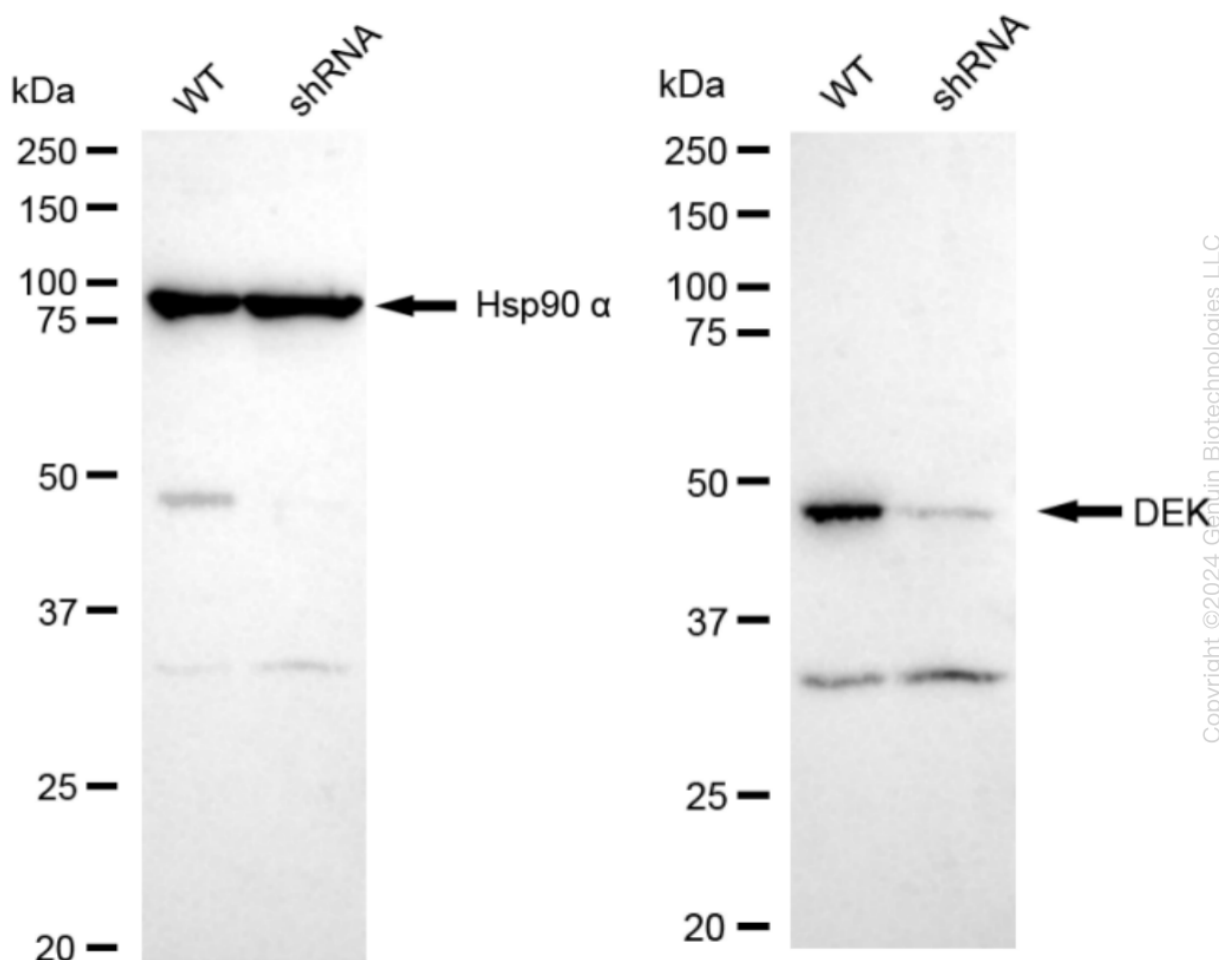
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Genotype	Ct Value
Wild-Type	19.81
Knock-Down	21.95
ΔCt ($Ct_{KD} - Ct_{WT}$)	2.14
% mRNA Reduction	↓ 77%

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



Western blotting analysis. DEK protein expression in wild-type (WT) and shRNA knockdown (KD) HeLa cells was detected using Western blotting. Hsp90 α served as a loading control. The blots were incubated with primary antibodies against DEK and Hsp90 α , respectively, followed by incubating with HRP-conjugated goat anti-rabbit secondary antibody. Images were developed

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using FeQ™ ECL Substrate Kit.

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