

Human DAZAP1 Knockdown Cell Line (WB-Validated)



Catalog #: C63227

Aliases

DAZAP1; DAZ Associated Protein 1; Deleted In Azoospermia-Associated Protein 1; DAZ-Associated Protein 1; MGC19907; Deleted In Azoospermia Associated Protein 1; Testicular Tissue Protein Li 50

Background

Gene Name: DAZAP1

NCBI Gene Entry: [26528](#)

Storage

Store at liquid nitrogen for 1 year.

Kit Components

1. Human DAZAP1 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

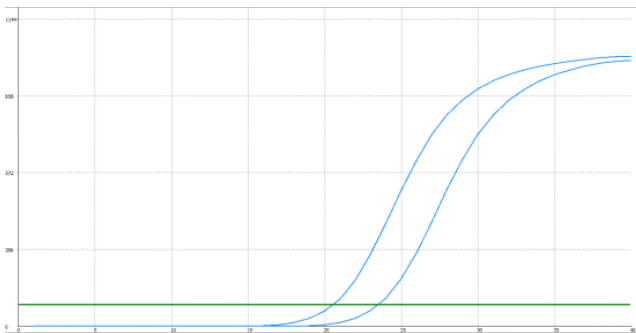
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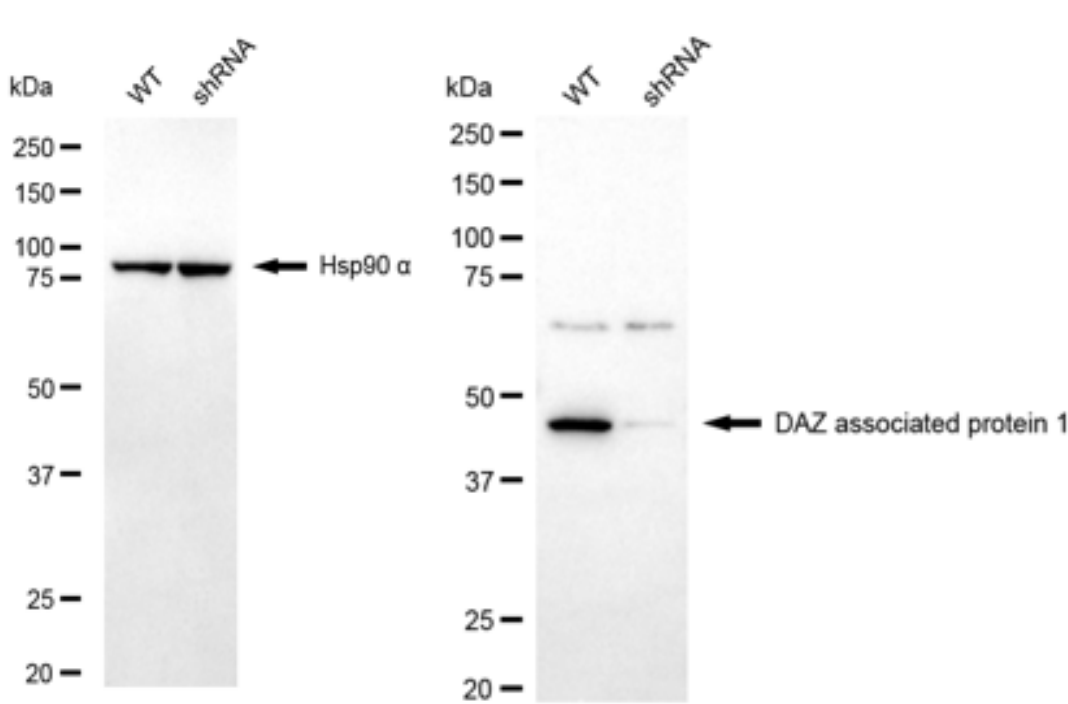
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Genotype	Ct Value
Wild-Type	20.34
Knock-Down	23.25
Δ Ct (CtKD-CtWT)	2.91
% mRNA Reduction	87%

RT-qPCR analysis. HeLa cells were infected with DAZAP1-specific shRNA lentiviral particles, total RNA was extracted from wild-type and knockdown cells, RT-qPCR was performed using gene-specific primers. Δ Ct (CtKD-CtWT) was used to calculate mRNA reduction (%) between wild-type and knockdown cells using the following formula: $(1-1/2^{\Delta\text{Ct}}) \times 100\%$.



Western blotting analysis. DAZAP1 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 DAZAP1 and Hsp90 α , respectively,

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followed by incubating with HRP-conjugated goat anti-rabbit secondary antibody. Images were developed using FeQ™ ECL Substrate Kit.

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