

# Human MSI1 Knockdown Cell Line (WB-Validated)



**Catalog #: C64843**

## Aliases

MSI1; Musashi RNA Binding Protein 1; RNA-Binding Protein Musashi Homolog 1; Musashi-1; Musashi (Drosophila) Homolog 1; Musashi Homolog 1 (Drosophila); Musashi1

## Background

Gene Name: MSI1

NCBI Gene Entry: [4440](#)

## Storage

Store at liquid nitrogen for 1 year.

## Kit Components

1. Human MSI1 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

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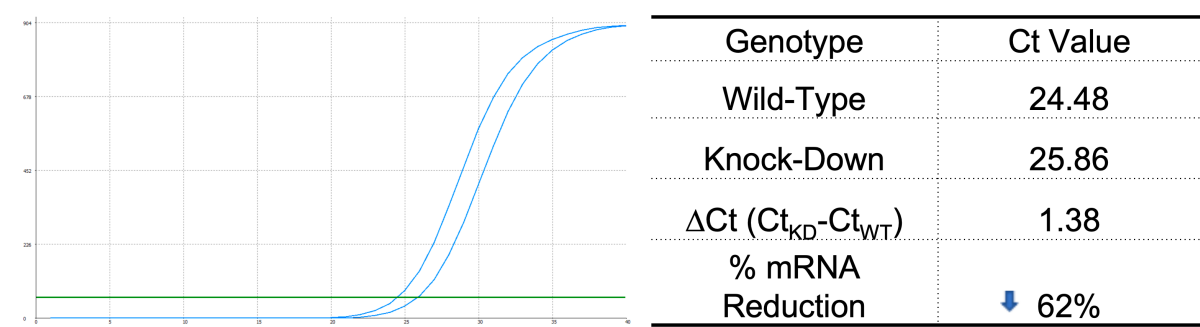
### SUPPORT

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

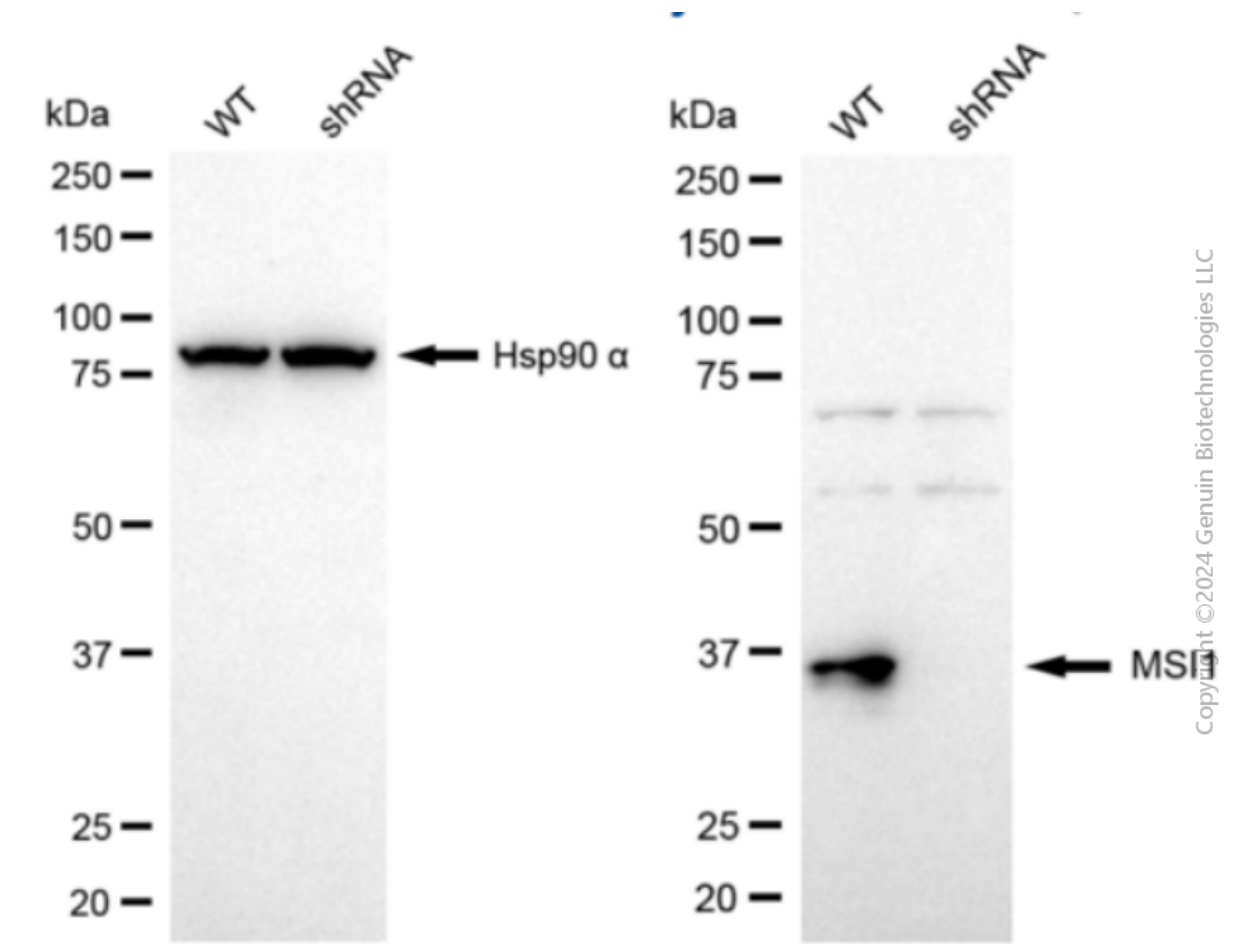
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RT-qPCR analysis. HeLa cells were infected with MSI1-specific shRNA lentiviral particles, total RNA was extracted from wild-type and knockdown cells, RT-qPCR was performed using gene-specific primers.  $\Delta Ct (Ct_{KD} - Ct_{WT})$  was used to calculate mRNA reduction (%) between wild-type and knockdown cells using the following formula:  $(1 - 1/2^{\Delta Ct}) \times 100\%$ .



Western blotting analysis. MSI1 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 MSI1 and Hsp90 α, respectively, followed by incubating with HRP-conjugated goat anti-mouse secondary antibody. Images were developed

## **Human MSI1 Knockdown Cell Line (WB-Validated)**

PAGE 3

using FeQ™ ECL Substrate Kit.

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