

# Human CLIP1 Knockdown Cell Line (WB-Validated)



**Catalog #: C61343**

## Aliases

CLIP1; CAP-Gly Domain Containing Linker Protein 1; CLIP-170; CYLN1; CLIP170; CLIP; RSN; Restin (Reed-Steinberg Cell-Expressed Intermediate Filament-Associated Protein); CAP-Gly Domain-Containing Linker Protein 1; Cytoplasmic Linker Protein 170 Alpha-2; Cytoplasmic Linker Protein 1; Restin; Reed-Sternberg Intermediate Filament-Associated Protein; Cytoplasmic Linker Protein CLIP-170

## Background

Gene Name: CLIP1

NCBI Gene Entry: [6249](#)

## Storage

Store at liquid nitrogen for 1 year.

## Kit Components

1. Human CLIP1 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

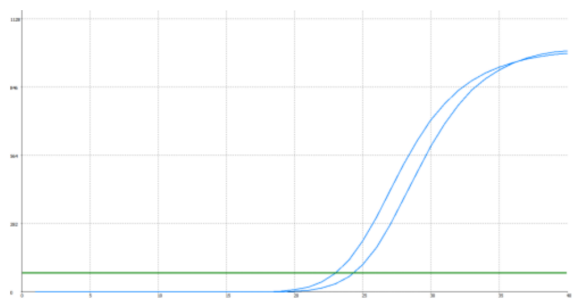
SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

[WWW.GENUINBIOTECH.COM](http://WWW.GENUINBIOTECH.COM)

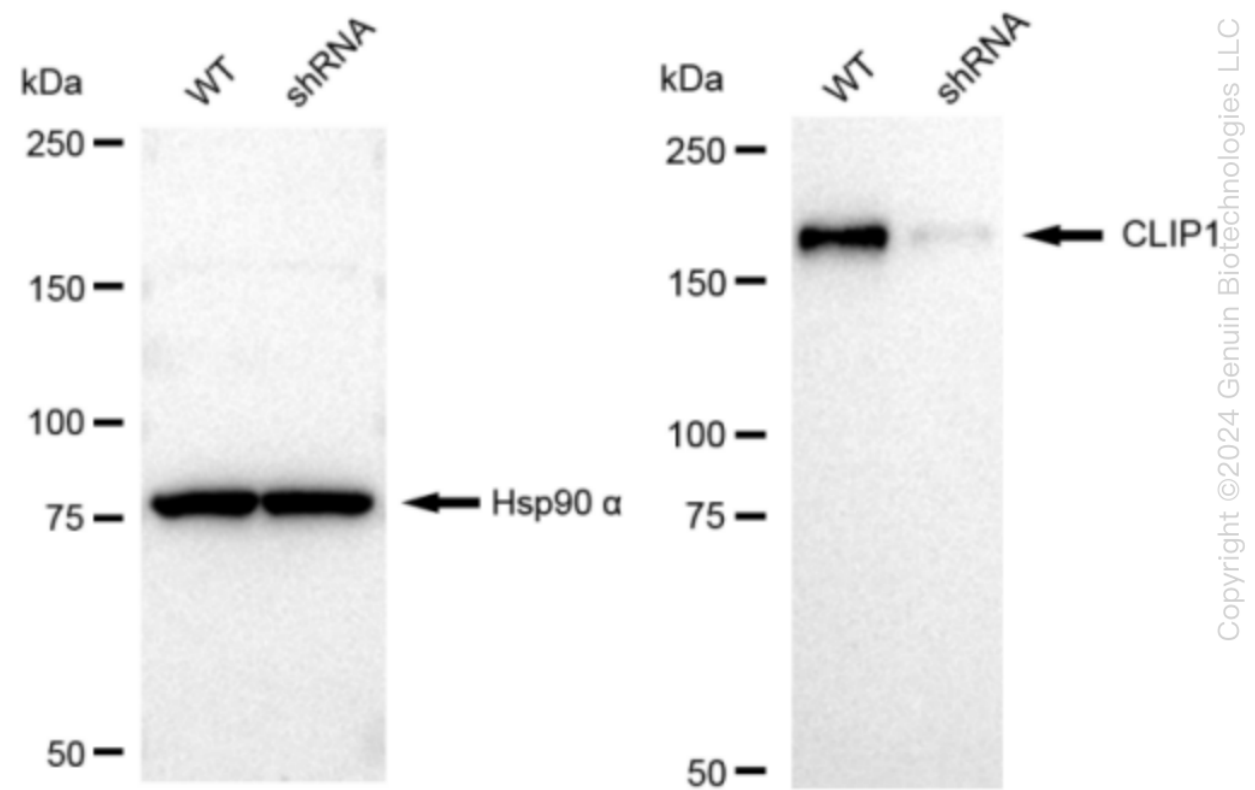
Human CLIP1 Knockdown Cell Line (WB-Validated)



Genotype	Ct Value
Wild-Type	22.77
Knock-Down	24.13
$\Delta Ct (Ct_{KD}-Ct_{WT})$	1.36
% mRNA Reduction	↓ 61%

Copyright ©2024 Genuin Biotechnologies LLC

RT-qPCR analysis. HeLa cells were infected with CLIP1-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:  $(1-1/2^{\Delta Ct}) \times 100\%$ .



Copyright ©2024 Genuin Biotechnologies LLC

Western blotting analysis. CLIP1 protein expression in wild-type (WT) and shRNA knockdown (KD) HeLa cells was detected using Western blotting. Hsp90  $\alpha$  served as a loading control. The blots were incubated with primary antibodies (Cat#61343, 1:5,000) against CLIP1 and Hsp90  $\alpha$ , respectively, followed by incubating with HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000). Images were developed using FeQ™ ECL Substrate Kit (Cat#226).

SUPPORT

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

ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM