# Human BCL2L12 Knockdown Cell Line (WB-Validated)

# Catalog #: C61614

## Aliases

BCL2L12; BCL2 Like 12; BCL2-Like 12 (Proline Rich); Bcl-2-Like Protein 12; Bcl-2 Related Proline-Rich Protein; Bcl-2-Related Proline-Rich Protein; Bcl2-L-12; BPR

## Background

Gene Name: BCL2L12
NCBI Gene Entry: 83596

## Storage

Store at liquid nitrogen for 1 year.

## Kit Components

1. Human BCL2L12 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.

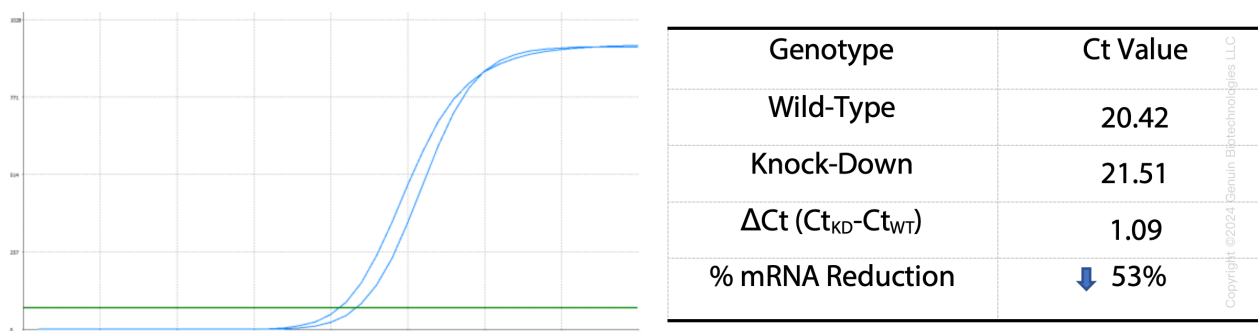**Note:** This product is for research use only.

## Validation Data

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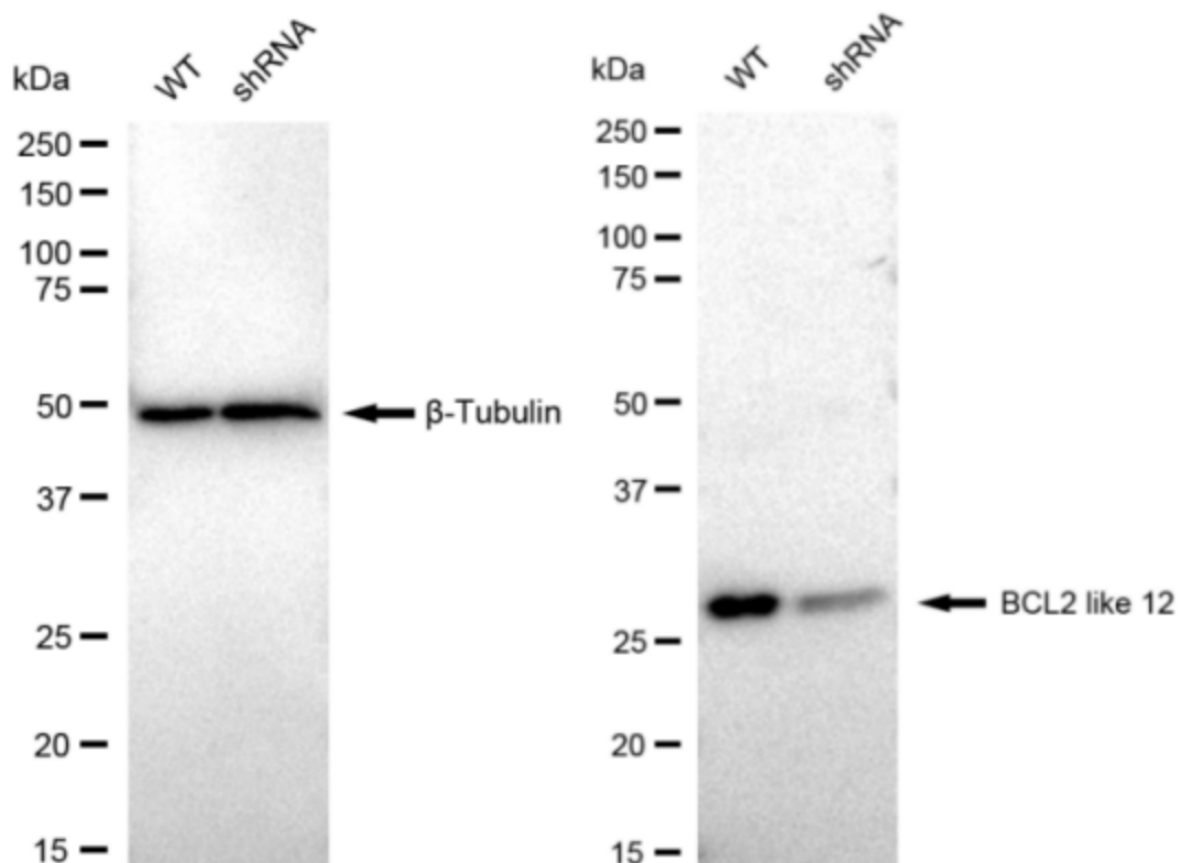**SUPPORT**
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| Genotype | Ct Value |
|---|---|
| Wild-Type | 20.42 |
| Knock-Down | 21.51 |
| $\Delta Ct\ (Ct_{KD}-Ct_{WT})$ | 1.09 |
| % mRNA Reduction | ⬇ 53% |

RT-qPCR analysis. HeLa cells were infected with BCL2L12-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: (1-1/2ΔCt) x 100%.



Western blotting analysis. BCL2L12 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 (Cat#61614, 1:5,000) against BCL2L12

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and β-Tubulin , 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).