

Human UBR5 Knockdown Cell Line (WB-Validated)



Catalog #: C62788

Aliases

UBR5; Ubiquitin Protein Ligase E3 Component N-Recognin 5; HYD; EDD; KIAA0896; EDD1; DD5; E3 Ubiquitin-Protein Ligase, HECT Domain-Containing 1; HECT-Type E3 Ubiquitin Transferase UBR5; Hyperplastic Discs Protein Homolog; E3 Ubiquitin-Protein Ligase UBR5; Progesterone-Induced Protein; E3 Ubiquitin Protein Ligase, HECT Domain Containing, 1; E3 Identified By Differential Display; EC 2.3.2.26; EC 6.3.2; HHYD

Background

Gene Name: UBR5

NCBI Gene Entry: [51366](#)

Storage

Store at liquid nitrogen for 1 year.

Kit Components

1. Human UBR5 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

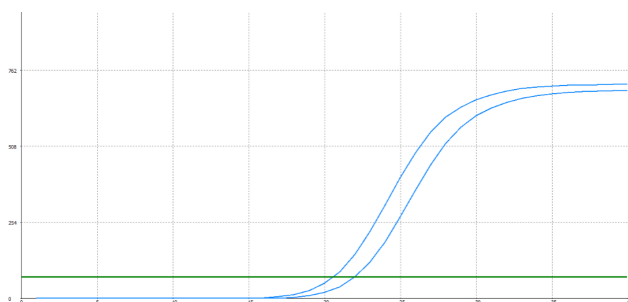
SUPPORT

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ORDERS

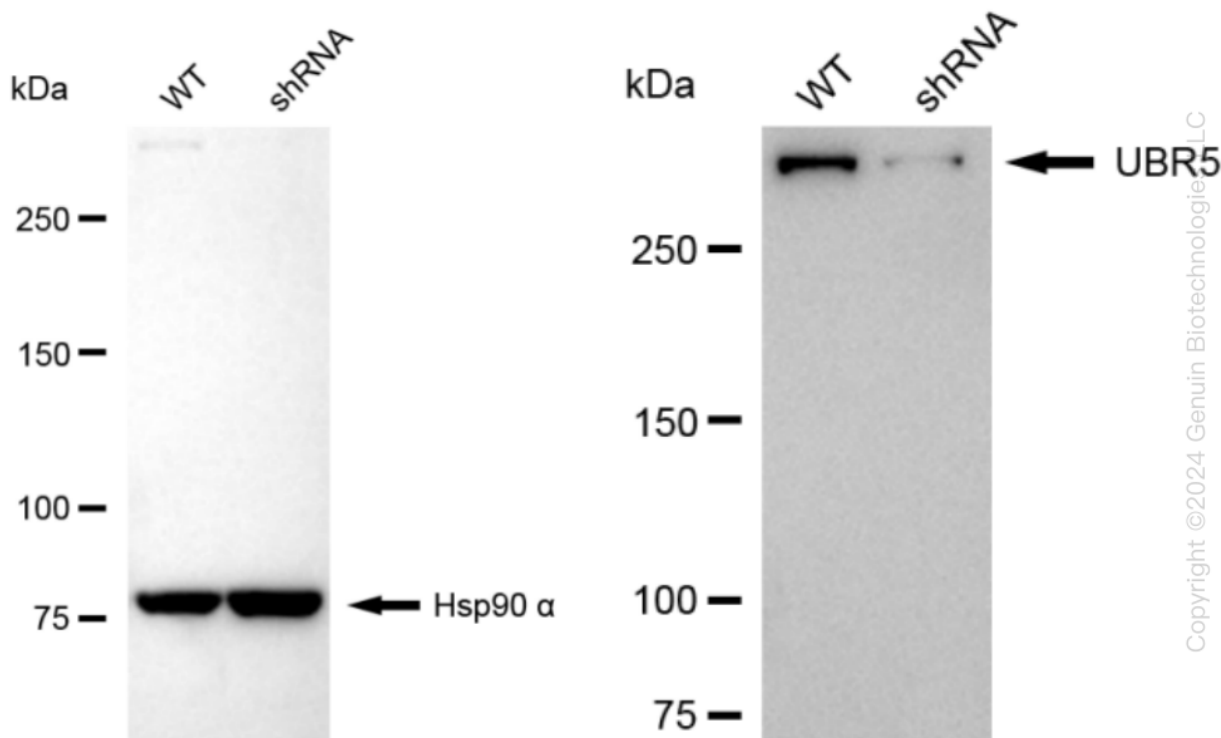
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Genotype	Ct Value
Wild-Type	20.02
Knock-Down	21.32
$\Delta Ct (Ct_{KD} - Ct_{WT})$	1.30
% mRNA Reduction	↓ 59%

RT-qPCR analysis. HeLa cells were infected with UBR5-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. UBR5 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 UBR5 and Hsp90 α , respectively, followed by incubating with HRP-conjugated goat anti-rabbit secondary antibody. Images were developed using FeQ™ ECL Substrate Kit.