Human UCHL1 Knockdown Cell Line (WB-Validated)



Catalog #: C61191

Aliases

UCHL1; Ubiquitin C-Terminal Hydrolase L1; PGP9.5; UCHL-1; Ubiquitin Carboxyl-Terminal Esterase L1 (Ubiquitin Thiolesterase); Ubiquitin Carboxyl-Terminal Hydrolase Isozyme L1; Neuron Cytoplasmic Protein 9.5; Ubiquitin Thioesterase L1; Ubiquitin Thiolesterase; PGP 9.5; Uch-L1; UCH-L1; PARK5; Epididymis Secretory Protein Li 53; Epididymis Luminal Protein 117; EC 3.4.19.12; HEL-S-53; HEL-117; SPG79A; NDGOA; PGP95; SPG79

Background

Gene Name: UCHL1 NCBI Gene Entry: 7345

Storage

Store at liquid nitrogen for 1 year.

Kit Components

- 1. Human UCHL1 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.

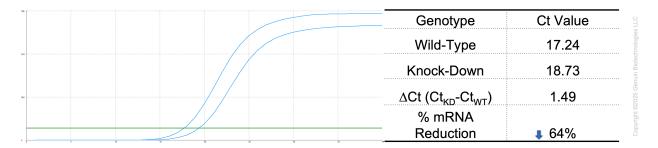
Instructions For Use

This knockdown cell line should be paired with wild-type cell line for use.

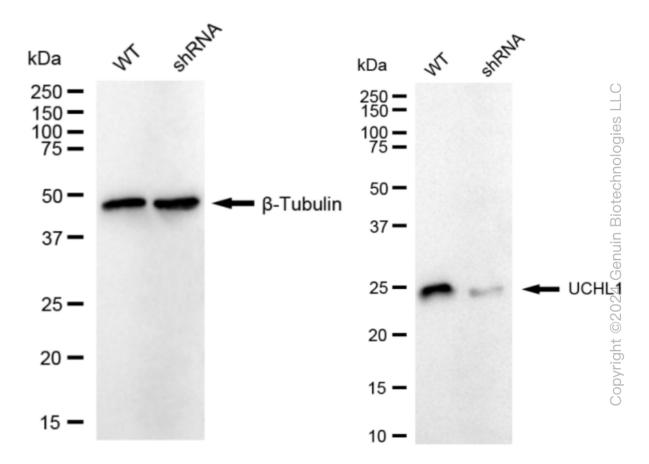
Note: This product is for research use only.

Validation Data

Human UCHL1 Knockdown Cell Line (WB-Validated)



RT-qPCR analysis. HAP1 cells were infected with UCHL1-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: $(1-1/2\Delta$ Ct) x 100%.



Western blotting analysis. UCHL1 protein expression in wild-type (WT) and shRNA knockdown (KD) HAP1 cells was detected using Western blotting. β-Tubulin served as a loading control. The blots were incubated with primary antibodies against UCHL1 and β-Tubulin, respectively, followed by incubating with HRP-conjugated goat anti-rabbit secondary antibody. Images were developed using FeQTM ECL Substrate Kit.