Human ASCC2 Knockdown Cell Line (WB-Validated)

Catalog #: C63525

Aliases

ASCC2; Activating Signal Cointegrator 1 Complex Subunit 2; ASC1p100; ASC-1 Complex Subunit P100; Trip4 Complex Subunit P100; DKFZp586O0223; FLJ21588; ASC 1 Complex Subunit P100; ASC1P100; P100; RQT3

Background

Gene Name: ASCC2
NCBI Gene Entry: 84164

Storage

Store at liquid nitrogen for 1 year.

Kit Components

1. Human ASCC2 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.

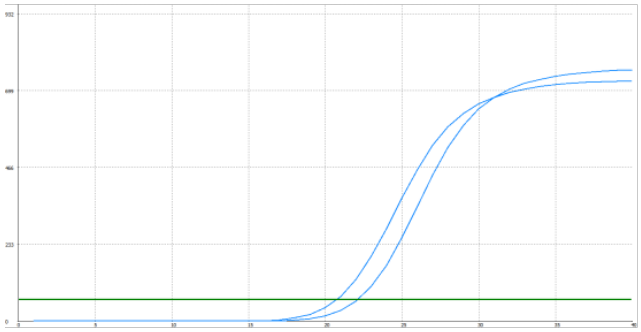
Instructions For Use

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

Note: This product is for research use only.

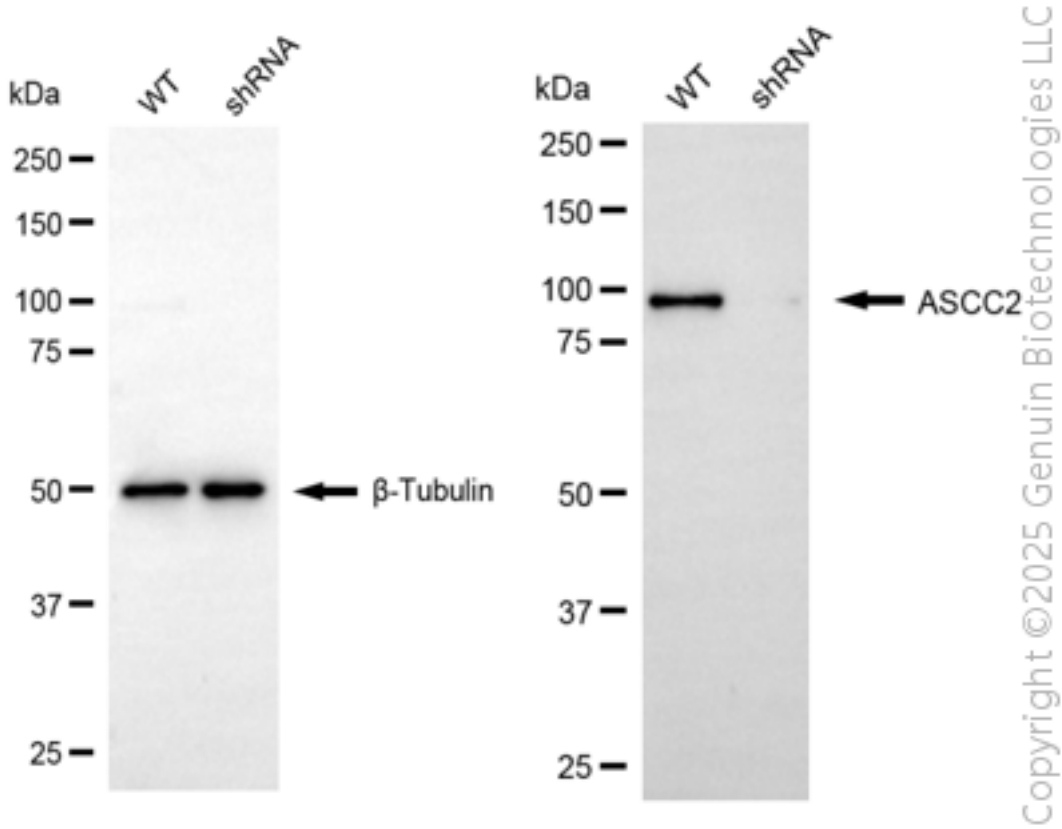
Validation Data

Human ASCC2 Knockdown Cell Line (WB-Validated)



Genotype	Ct Value
Wild-Type	20.34
Knock-Down	21.80
ΔCt (CtKD-CtWT)	1.46
% mRNA Reduction	64%

RT-qPCR analysis. HeLa cells were infected with ASCC2-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. ASCC2 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 against ASCC2 and β-Tubulin, respectively, followed by incubating with HRP-conjugated goat anti-mouse secondary antibody. Images were developed using FeQ™ ECL Substrate Kit.