Human SNX9 Knockdown Cell Line (WB-Validated)

Catalog #: C64838

Aliases

SNX9; Sorting Nexin 9; SH3PXD3A; SH3PX1; SDP1; SH3 And PX Domain-Containing Protein 3A; SH3 And PX Domain-Containing Protein 1; Sorting Nexin-9; Wiskott-Aldrich Syndrome Protein (WASP) Interactor Protein; Protein SDP1; WISP

Background

Gene Name: SNX9
NCBI Gene Entry: 51429

Storage

Store at liquid nitrogen for 1 year.

Kit Components

1. Human SNX9 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.

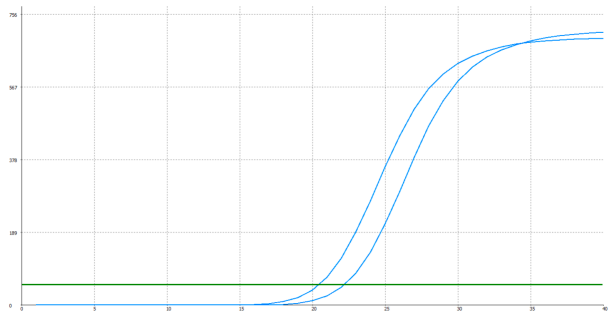
Instructions For Use

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

Note: This product is for research use only.

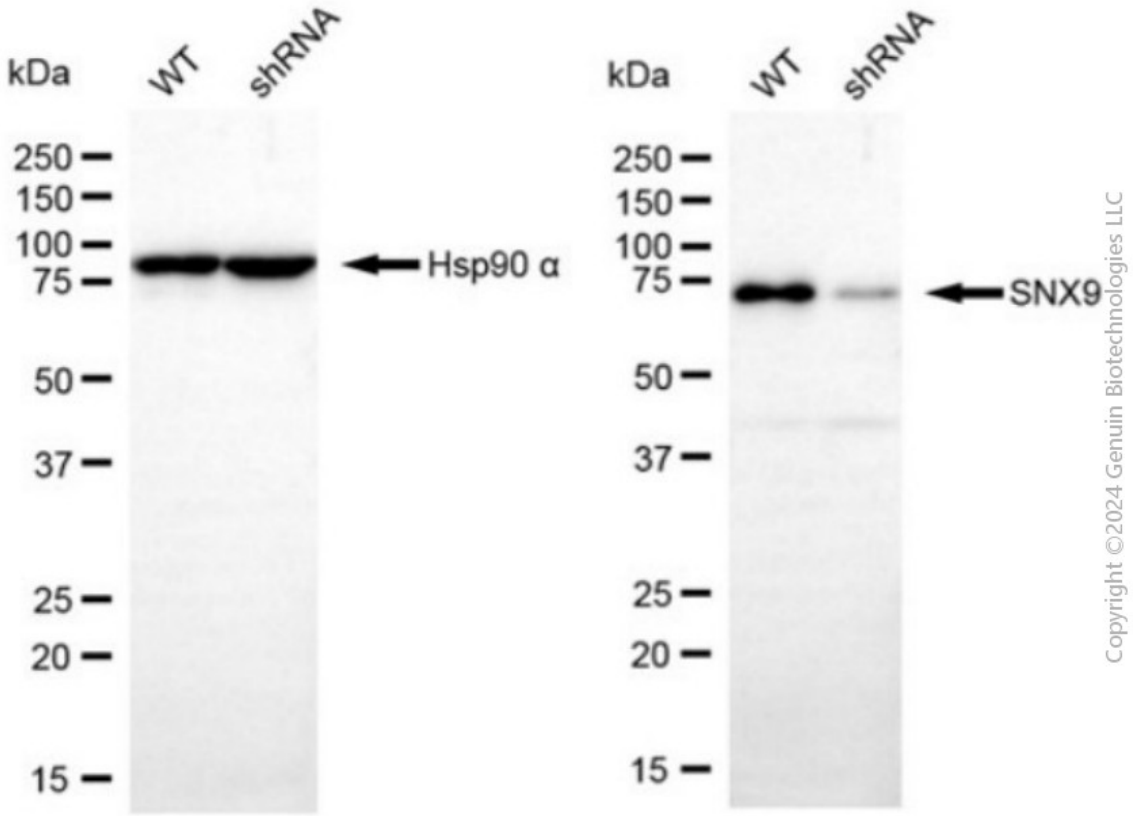
Validation Data

Human SNX9 Knockdown Cell Line (WB-Validated)



Genotype	Ct Value
Wild-Type	20.30
Knock-Down	22.10
$\Delta Ct\ (Ct_{KD}\text{-}Ct_{WT})$	1.8
% mRNA Reduction	⬇ 71%

RT-qPCR analysis. HeLa cells were infected with SNX9-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. SNX9 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 SNX9 and Hsp90 α, respectively, followed by incubating with HRP-conjugated goat anti-mouse secondary antibody. Images were developed using FeQ™ ECL Substrate Kit.