Human IGF2BP3 Knockdown Cell Line (WB-Validated)

Catalog #: C62172

Aliases

IGF2BP3; Insulin Like Growth Factor 2 MRNA Binding Protein 3; IMP-3; IMP3; CT98; Insulin-Like Growth Factor 2 MRNA-Binding Protein 3; IGF-II MRNA-Binding Protein 3; IGF2 MRNA-Binding Protein 3; Cancer/Testis Antigen 98; VICKZ Family Member 3; VICKZ3; KOC1; KH Domain Containing Protein Overexpressed In Cancer; KH Domain-Containing Protein Overexpressed In Cancer; Insulin-Like Growth Factor 2 MRNA Binding Protein 3; IGF II MRNA Binding Protein 3; HKOC; KOC

Background

Gene Name: IGF2BP3
NCBI Gene Entry: 10643

Storage

Store at liquid nitrogen for 1 year.

Kit Components

1. Human IGF2BP3 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.

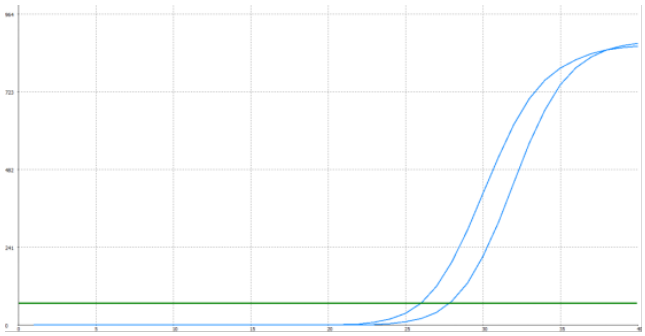
Instructions For Use

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

Note: This product is for research use only.

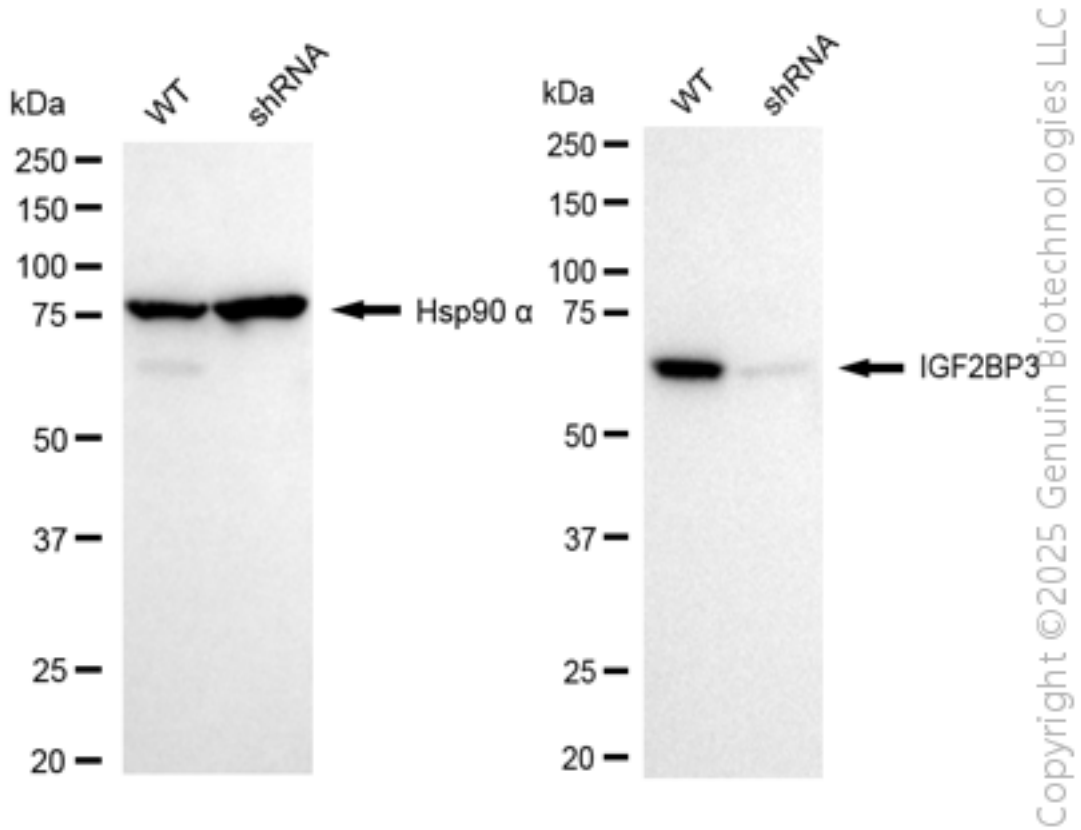
Validation Data

Human IGF2BP3 Knockdown Cell Line (WB-Validated)



Genotype	Ct Value
Wild-Type	25.78
Knock-Down	27.65
ΔCt (CtKD-CtWT)	1.87
% mRNA Reduction	73%

RT-qPCR analysis. HeLa cells were infected with IGF2BP3-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. IGF2BP3 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 IGF2BP3 and Hsp90 α, respectively, followed by incubating with HRP-conjugated goat anti-rabbit secondary antibody. Images were

developed using FeQ™ ECL Substrate Kit.