

Product datasheet for LY300420

Radixin (RDX) Human Knockdown Lysate

Product data:

Product Type: Knockdown Lysates

Description: WB-validated RDX Knockdown HeLa Cell Lysate

Species: Human Expression Host: HeLa

Tag: Tag Free

Synonyms: RDX; Radixin; DFNB24; Deafness, Autosomal Recessive 24

Predicted MW: 69 kDa

Components: 1 vial of 100 ug WT HeLa cell lysate

1 vial of 100 ug RDX KD HeLa cell lysate

Storage: Store at -20 °C for two years.

Concentration: Lot-specific

Buffer: IntactProtein Cell-Tissue Lysis buffer

Locus ID: 5962 **UniProt ID:** P35241

Protein Families: Druggable Genome

Protein Pathways: Regulation of actin cytoskeleton

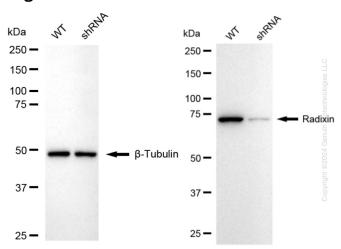
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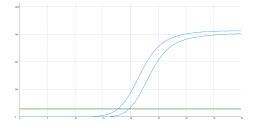
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Product images:



Western blotting analysis. RDX protein expression in wild-type (WT) and shRNA knockdown (KD) HeLa cells was detected using Western blotting. $\beta\text{-}Tubulin$ served as a loading control. The blots were incubated with primary antibodies against RDX and $\beta\text{-}Tubulin$, respectively, followed by incubating with HRP-conjugated goat anti-rabbit secondary antibody. Images were developed using FeQ $^{\text{TM}}$ ECL Substrate Kit.



Ct Value
17.30
19.32
1.86
↓ 72%

RT-qPCR analysis. HeLa cells were infected with RDX-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 Δ Ct) x 100%.