

Product datasheet for **LY300420**

Radixin (RDX) Human Knockdown Lysate

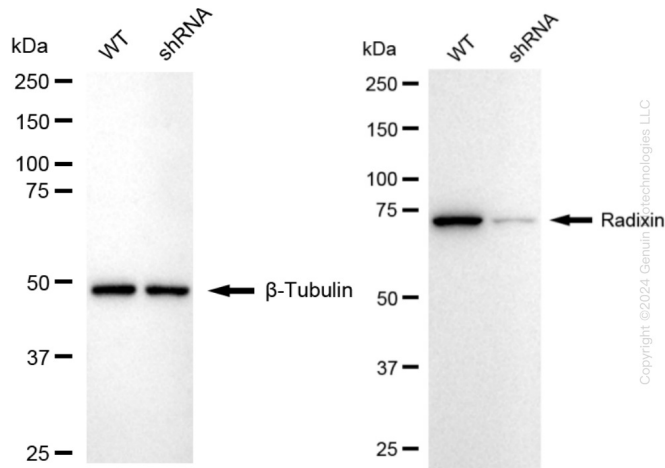
Product data:

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

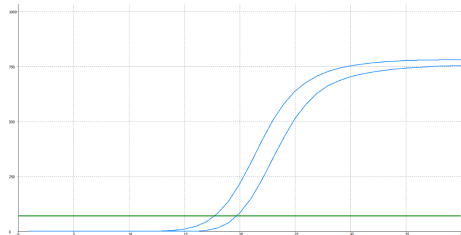


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Product images:



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Genotype	Ct Value
Wild-Type	17.30
Knock-Down	19.32
Δ Ct (Ct _{KD} -Ct _{WT})	1.86
% mRNA Reduction	↓ 72%

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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 (Ct_{KD}-Ct_{WT}) was used to calculate mRNA reduction (%) between wild-type and knockdown cells using the following formula: $(1 - 1/2^{\Delta\text{Ct}}) \times 100\%$.