

Materials List for:

Silencing of *BRCA2* to Identify Novel *BRCA2*-regulated Biological Functions in Cultured Human Cells

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Materials

Name	Company	Catalog Number	Comments
BRCA2 siRNA	Dharmacon	L-003462-00	SMARTpool: ON-TARGETplus BRCA2 siRNA
Ctrl siRNA	Dharmacon	D-001810-10-05	ON-TARGETplus Non-targeting Pool
Lipofectamine RNAiMAX Reagent	Life Technologies	13778075	Transfection Reagent
OPTI-MEM I Reduced Serum Medium	Life Technologies	31985-070	Medium for transfection procedure
NuPAGE Tris-Acetate 3-8% 1,5 mm Gel precast	Life Technologies	EA0378	Gel for protein electrophoresis
NuPAGE LDS Sample buffer	Life Technologies	NP0007	Reagent for protein electrophoresis
NuPAGE Sample Reducing agent (10x)	Life Technologies	NP0004	Reagent for protein electrophoresis
NuPAGE Antioxidant	Life Technologies	NP0005	Reagent for protein electrophoresis
HiMark Pre-stained protein standard	Life Technologies	LC5699	Prestained marker for gel electrophoresis
XCell SureLoc Mini-Cell System	Life Technologies	EI0002	Equipment for protein electrophoresis/transfer
NuPAGE Tris-Acetate SDS Running Buffer	Life Technologies	LA0041	Reagent for Western blotting
PVDF membrane	Millipore	IPVH00010	Reagent for Western blotting
NuPAGE Transfer Buffer	Life Technologies	NP0006-1	Reagent for Western blotting
BRCA2 H-300 rabbit polyclonal antibody	Santa Cruz Biotechnology	sc-8326	1:300 dilution
Beta-tubulin monoclonal antibody	Sigma Aldrich	T4026-100UL	1:1,000 dilution
Skim Milk powder	Sigma Aldrich	70166	Reagent for Western blotting
Tween-20	Sigma Aldrich	P1379	Reagent for Western blotting
SuperSignal West Pico/Femto Chemiluminescent Substrate	Pierce Thermo Scientific	34080/34096	Chemiluminescence system
PNT1A cells	SIGMA Aldrich (for ECACC)	95012614	PNT1A human, normal prostate epithelium immortalized with SV40
Nthy cells	SIGMA Aldrich (for ECACC)	90011609	Nthy-ori 3-1 Cell Line human, thyroid follicular epithelial cells
Cell Proliferation Kit I (MTT)	Roche	11465007001	Kit for cell proliferation assays