

Supplementary Table 1 - All reagents in this experiment

Reagent	Corporation	Origin
C2C12 cell	Procell	Wuhan, China
HEK293T cell	Procell	Wuhan, China
L-Ascorbic acid	Sigma-Aldrich	Shanghai, China
Dulbecco's modified Eagle's medium (DMEM)	SparkJade	Shandong, China
Fetal bovine serum (FBS)	VivaCell BIOSCIENCES	Shanghai, China
Horse serum (HS)	VivaCell BIOSCIENCES	Shanghai, China
Trizol	SparkJade	Shandong, China
Ethanol	FUYU CHEMICAL	Tianjin, China
BeyoClick EdU-594 cell proliferation assay kit	Beyotime Biotechnology	Shanghai, China
Cell cycle and apoptosis detection kit	Beyotime Biotechnology	Shanghai, China
Tricine-SDS-PAGE gel preparation kit	Leagene Biotechnology	Beijing, China
Sodium dodecyl sulfate (SDS)	Meilunbio	Dalian, China
Tris	Biotopped	Beijing, China
Glycine	Biosharp	Beijing, China
Methanol	FUYU CHEMICAL	Tianjin, China
Polyvinylidene fluoride (PVDF) membrane (0.45 μm)	Merck Millipore Ltd.	Ireland
BD Difco Skim Milk	BD Difco	USA
Western primary antibody diluent	SparkJade	Shandong, China
Western Luminescent Solution	Biosharp	Beijing, China
Coomassie blue staining solution	Beyotime Biotechnology	Shanghai, China
Anti-GAPDH (rabbit)	ZEN-BIOSCIENCE	Chengdu, China
Anti-PCNA (rabbit)	ColorfulGene Biological Technology	Wuhan, China
Anti-Cyclin D1 (rabbit)	ColorfulGene Biological Technology	Wuhan, China
Anti-Pax7 (rabbit)	Bioss	Beijing, China
Anti-Myf5 (rabbit)	ABclonal	Wuhan, China
Anti-SVCT2 (rabbit)	Proteintech	Wuhan, China
Anti-MuRF1 (rabbit)	ColorfulGene Biological Technology	Wuhan, China
HRP Goat Anti-Rabbit IgG	ABclonal	Wuhan, China
Tween-20	Alphabio Life sciences	Tianjin, China
Polyethylenimine Linear (PEI) MW40000	Yeasen Biotechnology Co., Ltd.	Shanghai, China
His-Bind Purification Kit	Millipore	Billerica, USA
ultrafiltration tube (50kDa)	Millipore	Germany
Endo-free Plasmid Mini Kit	Omega	Georgia, USA
Yeast extract	OXOID	Basingstoke, UK
Tryptone	OXOID	Basingstoke, UK
Beef extract	AOBOX Biotechnology	Beijing, China
NaCl	Sigma-Aldrich	Shanghai, China
KCl	Biotopped	Beijing, China
KH ₂ PO ₄	Sigma	Shanghai, China
Na ₂ HPO ₄ ·12 H ₂ O	Meilunbio	Dalian, China
Penicillin	Hapharm group CO.,LTD.	Harbin, China
Streptomycin	Hapharm group CO.,LTD.	Harbin, China
D-(+)-Glucose	Sigma-Vetec	Shanghai, China
ICR mice	Changchun Yisi Laboratory Animal Technology Co., LTD.	Changchun, China
Bupivacaine hydrochloride (BH)	Yuanye Biological Technology	Shanghai, China
4% paraformaldehyde	Biosharp	Beijing, China
Xylene	FUYU CHEMICAL	Tianjin, China
Sliced paraffin	Biosharp	Beijing, China
Hematoxylin-eosin Staining Kit	Solarbio Life Sciences	Beijing, China
nuclear Protein Extraction Kit	Solarbio Life Sciences	Beijing, China
DAB color kit (20×)	ZSGB-BIO	Beijing, China
Sodium citrate antigen repair solution (50×)	Beyotime Biotechnology	Shanghai, China
BCA Protein Assay Kit	Meilunbio	Dalian, China
Neutral balsam	Solarbio Life Sciences	Beijing, China
Triton X-100	Solarbio Life Sciences	Beijing, China
Mouse Vitamin C (VC) ELISA Kit	Abbkine Wuhan Biotechnology Co., LTD	Wuhan, China
Anti-fluorescence quencher	Beyotime Biotechnology	Shanghai, China