

Materials List for:

# Modulation of Tau Subcellular Localization as a Tool to Investigate the Expression of Disease-Related Genes

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## Materials

Name	Company	Catalog Number	Comments
Alexa Fluor 633 goat anti-mouse IgG	Life Technologies	A21050	IF 1:500
anti Actin Antibody	BETHYL LABORATORIE	A300-485A	anti-rabbit WB 1:10000
anti GAPDH Antibody	Fitzgerald Industries International	10R-G109a	anti-mouse WB 1:10000
anti H2B Antibody	Abcam	ab1790	anti-rabbit WB 1:15000
anti Tau-13 Antibody	Santa Cruz Biotechnology	sc-21796	anti-mouse WB 1:1000; IF 1:500
anti Tubulin alpha Antibody	Thermo Fisher Scientific	PA5-16891	anti-mouse WB 1:5000
anti VGLuT1 Antibody	Sigma-Aldrich	AMAb91041	anti-mouse WB 1:500
BCA Protein Assay Kit	Euroclone	EMPO14500	
BDNF	Alomone Labs	B-250	
Blotting-Grade Blocker	Biorad	1706404	Non-fat dry milk
BOVIN SERUM ALBUMIN	Sigma-Aldrich	A4503-50g	
cComplete Mini	Roche	11836170001	protease inhibitor
Criterion TGX 4-20% Stain Free, 10 well	Biorad	5678093	
DAPI	Thermo Fisher Scientific	62247	
DMEM/F-12	GIBCO	21331-020	
Dulbecco's Modified Eagle's Medium Low Glucose	Euroclone	ECM0060L	
EDTA	Sigma-Aldrich	0390-100ml	pH=8 0.5M
Foetal Bovine Serum	Euroclone	EC50182L	
Glycerol	Sigma-Aldrich	G5516-500ml	
Goat anti-mouse IgG-HPR	Santa Cruz Biotechnology	sc-2005	WB 1:1000
Goat anti-rabbit IgG-HPR	Santa Cruz Biotechnology	sc-2004	WB 1:1000
IGEPAL CA-630	Sigma-Aldrich	I8896-50ml	Octylphenoxy poly(ethyleneoxy)ethanol
Immobilon Western	MERCK	WBKLS0500	
Lab-Tech Chamber slide 8 well glass slide	nunc	177402	
L-glutamine	Euroclone	ECB3000D	100X
Lipofectamine 2000 transfection reagent	Thermo Fisher Scientific	12566014	cationic lipid
Methanol	Sigma-Aldrich	322415-6X1L	
MgCl <sub>2</sub>	Sigma-Aldrich	M8266-100G	
NaCl	Sigma-Aldrich	S3014-1kg	
Opti-MEM reduced serum medium	Gibco	31985070	

PEI	Sigma-Aldrich	40,872-7	
Penicillin/Streptomycin	Thermo Fisher Scientific	15140122	10,000 U/ml, 100ml
Phosphate Buffered Saline (Dulbecco A)	OXOID	BR0014G	
PhosStop	Roche	4906837001	phosphatase inhibitor
QIAGEN Plasmid Maxi Kit	Qiagen	12163	Step 3.10
Retinoic acid	Sigma-Aldrich	R2625-100mg	
Subcellular Protein Fractionation Kit for cultured cells	Thermo Fisher Scientific	78840	
Supported Nitrocellulose membrane	Biorad	1620097	
TC-Plate 6well	SARSTEDT	833,920	
TCS SP2 laser scanning confocal microscope	Leica	N/A	
Triton x-100	Sigma-Aldrich	X100-500ml	Non-ionic surfactant
Trypsin-EDTA	Thermo Fisher Scientific	15400054	0.50%
Tween-20	Sigma-Aldrich	P9416-100ml	
VECTASHIELD antifade mounting medium	Vector Laboratories	H-1000	
Wizard <i>Plus</i> SV Minipreps DNA Purification Systems	Promega	A1330	Step 3.5