

Materials List for:

Purification of Prominin-1⁺ Stem Cells from Postnatal Mouse Cerebellum

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Materials

Name	Company	Catalog Number	Comments
0.05% Trypsin	Thermo Fisher Scientific	25300054	0.05%
2% B27	Gibco; Thermo Fisher Scientific	17504001	
2 mM EDTA solution	Corning	46-034-CI	
Anti- Prominin-1 microbeads	Miltenyi Biotec	130-092-333	
Bovine serum albumin	Sigma	A9418	
Column MultiStand	Miltenyi Biotec	130-042-303	
Culture plates ultra - low attachment	Corning	3473	
Cysteine	Sigma	C7880	
DNase	Sigma	D4513-1VL	250 U/ml
Dulbecco's Phosphate Buffer Saline	Thermo Fisher Scientific	14040141	
Hank's balanced salt solution-HBSS	Gibco	14025-092	
Human recombinant Basic Fibroblast Growth Factor	Promega	G507A	20 ng/mL
Human recombinant Epidermal Growth Factor	Promega	G502A	20 ng/mL
Leukemia Inhibitory Factor	Sigma	L5158	
l-glutamine	Gibco	25030081	
Microscopy	Leica TCS SP5 confocal microscopes		
MiniMACS separator	Miltenyi Biotec	130-042-102	
Mouse anti-Prominin-1	Affymetrix eBioscience	14-1331	1 in 100
Nestin	Abcam	ab27952	1 in 200
Neurobasal medium	Thermo Fisher	25030081	
O4	Milipore	MAB345	
Papain	Worthington	LS003126	(100 U/mL)
Platelet- Derived Growth Factor	Sigma	H8291	10 ng/mL
Poly-D-Lysine	Sigma	P6407	
Rabbit anti-tubulin, b-III	Sigma	T2200	1 in 500
Rabbit anti-GFAP	Dako	Z0334	1 in 500
Separation columns-MS columns	Miltenyi Biotec	130-042-201	
Sterile cell strainer	Fisher Scientific	22363547	40 µm