

Materials List for:

Proliferation and Differentiation of Murine Myeloid Precursor 32D/G-CSF-R Cells

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Materials

Name	Company	Catalog Number	Comments
RPMI 1640 powder medium	Merck, Kenilworth, NJ, USA	T 121-10	without NaHCO ₃ , with L-glutamine
DMEM	Thermo Fisher Scientific, Waltham, MA, USA	15028	
Opti-MEM I Reduced Serum Medium	Thermo Fisher Scientific, Waltham, MA, USA	31985-047	L-Glutamine, Phenol Red
Fetal bovine serum (FBS)	PAA Laboratories (GE Healthcare, Chicago, IL, USA)	MT35011CV	For differentiation of 32D/G-CSF-R cells
Fetal bovine serum (FBS)	Thermo Fisher Scientific, Waltham, MA, USA	10270	Used for culturing HEK293T, NIH3T3, BOSC23 cells
Penicillin	Sigma-Aldrich (Merck, Kenilworth, NJ, USA)	P3032	
Streptomycin	Sigma-Aldrich (Merck, Kenilworth, NJ, USA)	S9137	Streptomycin sulfate salt powder
Gentamicin	Sigma-Aldrich (Merck, Kenilworth, NJ, USA)	G1914	
murine IL-3	PeptoTech, Rocky Hill, NJ, USA	213-13	
human G-CSF	PeptoTech, Rocky Hill, NJ, USA	300-23	
Polyethylenimine	Polyscience, Warrington, PA, USA	23966	Linear, MW 25,000 (PEI 25000)
Polybrene	Sigma-Aldrich (Merck, Kenilworth, NJ, USA)	H9268	
Trypsin	VWR Chemicals, Radnor, PA, USA	0458	
EDTA	Sigma-Aldrich (Merck, Kenilworth, NJ, USA)	E5134	
Crystal violet	Sigma-Aldrich (Merck, Kenilworth, NJ, USA)	C0775	
Trypan blue	Sigma-Aldrich (Merck, Kenilworth, NJ, USA)	T6146	
Dimethyl sulfoxide (DMSO)	Sigma-Aldrich (Merck, Kenilworth, NJ, USA)	D2650	
May-Grünwald Giemsa	DiaPath, Martinengo, BG, Italy	10802	