

Materials List for:

# A Novel Feeder-free System for Mass Production of Murine Natural Killer Cells *In Vitro*

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URL: <https://www.jove.com/video/56785>

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## Materials

Name	Company	Catalog Number	Comments
OP9 cell line	ATCC	ATCC <sup>®</sup> CRL-2749 <sup>™</sup>	
MEM α, no nucleosides	Gibco	22561021	
Fetal Bovine Serum	Gibco	10500064	
PBS, pH 7.4	Gibco	10010049	
Recombinant Murine IL-7	PEPROTECH	217-17	
Recombinant Murine SCF	PEPROTECH	250-03	
Recombinant Murine Flt3-Ligand	PEPROTECH	250-31L	
Recombinant Murine IL-2	PEPROTECH	212-12	
Lipofectamin RNAiMAX Transfection Reagent	Invitrogen	1377815	
IC Fixation Buffer	eBioscience	00-8222-49	
Flow Cytometry Staining Buffer	eBioscience	00-4222-26	
PE-conjugated anti-mouse CD244	eBioscience	12-2441-83	
Cy3-conjugated anti-mouse NKp46	Bioss	bs-2417R-cy3	
Nonsense control (NC)	Ribobio	siN05815122147	
siRNA against mouse E4BP4 mRNA	Ribobio	N/A	5'-GAUGAGGGUGUA GUGGGCAAGUCUU-3'