

Materials List for:

Paramyxoviruses for Tumor-targeted Immunomodulation: Design and Evaluation Ex Vivo

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Materials

Name	Company	Catalog Number	Comments
Rapid DNA Dephos & Ligation Kit	Roche Life Science, Mannheim, Germany	4898117001	
CloneJET PCR Cloning Kit	Thermo Fisher Scientific, St. Leon-Rot	K1231	
Agarose	Sigma-Aldrich, Taufkirchen, Germany	A9539-500G	
QIAquick Gel Extraction Kit	QIAGEN, Hilden, Germany	28704	
NEB 10-beta Competent <i>E. coli</i>	New England Biolabs (NEB), Frankfurt/Main, Germany	C3019I	
LB medium after Lennox	Carl Roth, Karlsruhe, Germany	X964.1	
Ampicillin	Carl Roth, Karlsruhe, Germany	HP62.1	
QIAquick Miniprep Kit	QIAGEN, Hilden, Germany	27104	
Restriction enzyme HindIII-HF	New England Biolabs (NEB), Frankfurt/Main, Germany	R3104S	
Dulbecco's Modified Eagle's Medium (DMEM)	Invitrogen, Darmstadt, Germany	31966-021	
Fetal bovine serum (FBS)	Biosera, Boussens, France	FB-1280/500	
FugeneHD	Promega, Mannheim, Germany	E2311	may be replaced by transfection reagent of choice
Kanamycin	Sigma-Aldrich, Taufkirchen, Germany	K0129	
Vero cells	ATCC, Manassas, VA, USA	CCL81	
B16-CD46/ B16-CD20-CD46	J. Heidebuechel, DKFZ Heidelberg		available upon request
Granta-519	DSMZ, Braunschweig, Germany	ACC 342	
Opti-MEM (serum-free medium)	Gibco Life Technologies, Darmstadt, Germany	31985070	
Colorimetric Cell Viability Kit III (XTT)	PromoKine, Heidelberg, Germany	PK-CA20-300-1000	includes XTT reagent
Dulbecco's Phosphate-Buffered Saline (PBS)	Gibco Life Technologies, Darmstadt, Germany	14190-094	
QIAquick Ni-NTA Spin Columns	QIAGEN, Hilden, Germany	31014	
Sodium chloride	Carl Roth, Karlsruhe, Germany	3957.3	
Imidazole	Carl Roth, Karlsruhe, Germany	I5513-25G	
Amicon Ultra-15, PLGC Ultracel-PL Membran, 10 kDa	Merck, Darmstadt, Germany	UFC901024	
BCA Protein Assay Kit	Merck Milipore	71285-3	

IgG from human serum	Sigma-Aldrich, Taufkirchen, Germany	I4506	
Anti-HA-PE	Miltenyi Biotech, Bergisch Gladbach, Germany	130-092-257	RRID: AB_871939
Mouse IgG1, kappa Isotype Control, Phycoerythrin Conjugated, Clone MOPC-21 antibody	BD Biosciences, Heidelberg, Germany	555749	RRID: AB_396091
Anti-HA-biotin antibody, clone 3F10	Sigma-Aldrich, Taufkirchen, Germany	12158167001	RRID: AB_390915
Anti-Biotin MicroBeads	Miltenyi Biotech, Bergisch Gladbach, Germany	130-090-485	
MS Columns	Miltenyi Biotech, Bergisch Gladbach, Germany	130-042-201	
MiniMACS Separator	Miltenyi Biotech, Bergisch Gladbach, Germany	130-042-102	
MACS MultiStand	Miltenyi Biotech, Bergisch Gladbach, Germany	130-042-303	
RIPA buffer	Rockland Immunochemicals, Gilbertsville, PA, USA	MB-030-0050	
CytoTox 96 Non-Radioactive Cytotoxicity Assay	Promega, Mannheim, Germany	G1780	includes 10x lysis solution, substrate solution (substrate mix and assay buffer), and stop solution
Cell lifter	Corning, Reynosa, Mexico	3008	
10 cm dishes	Corning, Oneonta, NY, USA	430167	
15 cm dishes	Greiner Bio-One, Frickenhausen, Germany	639160	
96-well plates, U-bottom	TPP, Trasadingen, Switzerland	92097	
96-well plates, flat bottom	Neolab, Heidelberg, Germany	353072	
6-well plates	Neolab, Heidelberg, Germany	353046	
12-well plates	Neolab, Heidelberg, Germany	353043	
50 mL tubes	nerbe plus, Winsen/Luhe, Germany	02-572-3001	
T175 cell culture flasks	Thermo Fisher Scientific, St. Leon-Rot	159910	
0.22 µm filters	Merck, Darmstadt, Germany	SLGPM33RS	