

# Identification of Peptides of Small Extracellular Vesicles from Bone Marrow-Derived Macrophages

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## Materials

Name	Company	Catalog Number	Comments
BCA Protein Assay Kit	Beyotime Technology	P0012	
CD9	Beyotime Technology	AF1192	
Centrifugal filter tube	Millipore	UFC5010BK	
Centrifuge bottles polypropylene	Beckman Coulter	357003	High-speed centrifuge
Chemiluminescent substrate	Thermo Fisher Scientific	34580	
Dithiothreitol	Solarbio	D8220	100 g
DMEM culture medium	Cell World	N?A	
GRP94	Cell Signaling Technology	20292	
High-speed centrifuge	Beckman Coulter	Avanti JXN-26	Centrifuge rotor (JA-25.50)
Immortalized bone marrow-derived macrophages (iBMDM)	National Institute of Biological Sciences, China		Provided by Dr. Feng Shao (National Institute of Biological Sciences, China)
Iodoacetamide	Sigma	I1149	5 g
Microfuge tube polypropylene	Beckman Coulter	357448	1.5 mL, Tabletop ultracentrifuge
nano-high-performance LC system	Thermo Fisher Scientific	EASY-nLC 1000	
Nanoparticle tracking analysis	Malvern Panalytical	NanoSight LM10	NanoSight NTA3.4
Orbitrap Q Exactive HF-X mass spectrometer	Thermo Fisher Scientific	N/A	
Phosphate-buffered saline	Solarbio	P1020	
Polyallomer centrifuge tubes	Beckman Coulter	326823	Ultracentrifuge
Protease inhibitor	Bimake	B14002	
SpeedVac vacuum concentrator	Eppendorf	Concentrator plus	
Tabletop ultracentrifuge	Beckman Coulter	Optima MAX-XP	Ultracentrifuge rotor (TLA 55)
Transmission electron microscope	HITACHI	H-7650B	
TSG101	Sigma	AF8258	
Ultracentrifuge	Beckman Coulter	Optima XPN-100	Ultracentrifuge rotor (SW32 Ti)
Ultrasonic cell disruptor	Scientz	SCIENTZ-IID	
Western Blot imager	Bio-Rad	ChemiDocXRs	Image lab 4.0 (beta 7)

β-actin	Sigma	A3853	
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