

Materials List for:

# Nitrogen Cavitation and Differential Centrifugation Allows for Monitoring the Distribution of Peripheral Membrane Proteins in Cultured Cells

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## Materials

Name	Company	Catalog Number	Comments
Cell Disruption Vessel (45 mL)	Parr Instrument	4639	Nitrogen cavitation Bomb
Dounce homogenizer (2 mL)	Kontes	885300-0002	Dounce pestle and tube
U-100 Insulin Syringe 28G½	Becton Dickinson	329461	Needle
Atg12 antibody	Santa Cruz	271688	Mouse antibody, use at 1:1000 dilution
β-actin antibody	Santa Cruz	47778	Mouse antibody, use at 1:1000 dilution
β-tubulin antibody	DSHB	E7-s	Mouse antibody, use at 1:5000 dilution
Calnexin antibody	Santa Cruz	23954	Mouse antibody, use at 1:1000 dilution
Calregulin antibody	Santa Cruz	373863	Mouse antibody, use at 1:1000 dilution
Catalase antibody	Santa Cruz	271803	Mouse antibody, use at 1:1000 dilution
CIMPR antibody	Abcam	124767	Rabbit antibody, use at 1:1000 dilution
EEA1 antibody	Santa Cruz	137130	Mouse antibody, use at 1:1000 dilution
EGFR antibody	Santa Cruz	373746	Mouse antibody, use at 1:1000 dilution
F <sub>0</sub> -ATPase antibody	Santa Cruz	514419	Mouse antibody, use at 1:1000 dilution
F <sub>1</sub> -ATPase antibody	Santa Cruz	55597	Mouse antibody, use at 1:1000 dilution
Fibrillarin antibody	Santa Cruz	374022	Mouse antibody, use at 1:200 dilution
Golgin 97 antibody	Santa Cruz	59820	Mouse antibody, use at 1:1000 dilution
HDAC1 antibody	Santa Cruz	81598	Mouse antibody, use at 1:1000 dilution
Hexokinase 1 antibody	Cell Signaling Technology	2024S	Rabbit antibody, use at 1:1000 dilution
Lamin A/C antibody	Santa Cruz	376248	Mouse antibody, use at 1:1000 dilution
LAMP1 antibody	DSHB	H4A3-c	Mouse antibody, use at 1:1000 dilution
Na <sup>+</sup> /K <sup>+</sup> ATPase antibody	Santa Cruz	48345	Mouse antibody, use at 1:1000 dilution

Rab7 antibody	Abcam	137029	Rabbit antibody, use at 1:1000 dilution
Rab9 antibody	Thermo	MA3-067	Mouse antibody, use at 1:1000 dilution
RCAS1 antibody	Santa Cruz	398052	Mouse antibody, use at 1:1000 dilution
RhoGDI antibody	Santa Cruz	360	Rabbit antibody, use at 1:3000 dilution
Ribosomal protein S6 antibody	Santa Cruz	74459	Mouse antibody, use at 1:1000 dilution
Sec61a antibody	Santa Cruz	12322	Goat antibody, use at 1:1000 dilution
Thickwall Polycarbonate ultracentrifuge tube	Beckman Coulter	349622	Sample tube for ultracentrifugation
TLK-100.3 rotor	Beckman Coulter	349481	rotor for ultracentrifugation
Optima MAX High-Capacity Personal Ultracentrifuge	Beckman Coulter	364300	ultracentrifuge
cOmplete protease inhibitor cocktail tablets	Roche	11697498001	protease inhibitors
Cell Scrapers with 25cm Handle and 3.0cm Blade	Corning	353089	large cell scraper
Magnetic Stir Bar	Fisher Scientific	14-513-57SIX	micro stir bar
Ceramic-Top Magnetic Stirrer	Fisher Scientific	S504501AS	magnetic stirrer