

Materials List for:

# Imaging Integrin Tension and Cellular Force at Submicron Resolution with an Integrative Tension Sensor

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## Materials

Name	Company	Catalog Number	Comments
BSA-biotin	Sigma-Aldrich	A8549	
Neutravidin	Thermo Fisher Scientific	31000	
Streptavidin	Thermo Fisher Scientific	434301	
upper strand DNA	Integrated DNA Technologies	N/A	Customer designed. DNA sequence is shown in PROTOCOL section
lower strand DNA	Integrated DNA Technologies	N/A	Customer designed. DNA sequences are shown in PROTOCOL section.
sulfo-SMCC	Thermo Fisher Scientific	A39268	
Cyclic peptide RGD with an amine group	Peptides International	PCI-3696-PI	
IMDM	ATCC	62996227	
FBS	ATCC	302020	
Penicillin	gibco	15140122	
TCEP	Sigma-Aldrich	C4706	
200 uL petri dish	Cellvis	D29-14-1.5-N	
NanoDrop 2000	Thermo Scientific	N/A	spectrometer
SE410 Tall Air-Cooled Vertical Protein Electrophoresis Unit	Hofer	SE410-15-1.5	Device for electroporesis
CHO-K1 cell line	ATCC	CCL-61	
NIH/3T3 cell line	ATCC	CRL-1658	
Anti-Vinculin Antibody	EMD Millipore	90227	Primary antibody for vinculin immunostaining
Goat anti-Mouse IgG (H+L) Superclonal Secondary Antibody, Alexa Fluor 488	Invitrogen	A28175	Secondary antibody for vinculin immunostaining
Alexa Fluor 647 Phalloidin	Invitrogen	A22287	
Eclipse Ti	Nikon	N/A	microscope