

Materials List for:

Efficient Production and Purification of Recombinant Murine Kindlin-3 from Insect Cells for Biophysical Studies

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URL: <https://www.jove.com/video/51206>

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Materials

Name	Company	Catalog Number	Comments
Sf-900 II serum free media (SFM) 1x liquid	Life Technologies	10902-096	store at 4 °C and warm to RT before use
Cellfectin II Reagent	Invitrogen	10362-100	Alternatively, GeneJuice transfection (EMD) reagent can be used
Streptomycin sulphate (solid)	Melford	S0148	Sterilize filter (0.22 µm filter) before use
Penicillin G, potassium salt (solid)	Melford	P0580	Sterilize filter (0.22 µm filter) before use
CELLSTAR Sterile 6-well Culture Plate	Greiner Bio-One	657160	
Fetal Bovine Serum (FBS)	Life Technologies	10100-147	
Protease Inhibitor Cocktail	Sigma	P8849	Caution: Protease inhibitors are dissolved in DMSO
Bovine pancreas deoxyribonuclease (Dnase) I	Sigma	D5025	
HisTrap FF (5 ml)	GE Healthcare	17-5286-01	Requires an Äkta FPLC machine
HiTrap Heparin (5 ml)	GE Healthcare	17-0407-01	Requires an Äkta FPLC machine
Amicon Ultra-15 Centrifugal Filter Units (with Ultracel-50 membrane)	Millipore	UFC905024	15 ml capacity and a MWCO of 50 kDa protein concentrator