

Materials List for:

Label-Free Immunoprecipitation Mass Spectrometry Workflow for Large-scale Nuclear Interactome Profiling

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Materials

Name	Company	Catalog Number	Comments
0.25% Trypsin, 0.1% EDTA	Thermo Fisher Scientific	25200056	
1.5 ml low-retention microcentrifuge tubes	Fisher Scientific	02-681-320	
4-20% Mini PROTEAN TGX Precast Protein Gels	Bio-Rad	4561096	
acetone (HPLC)	Thermo Fisher Scientific	A949SK-4	
Amicon Ultra 0.5 ml 30k filter column	Millipore Sigma	UFC503096	
Benzamidine	Sigma-Aldrich	12072	
benzonase	Sigma-Aldrich	E1014	
Chloroacetamide	Sigma-Aldrich	C0267	
Dialysis tubing closure	Caroline Biological Supply Company	684239	
DTT	Sigma-Aldrich	10197777001	
EDTA	Sigma-Aldrich	EDS	
GAPDH antibody	Santa Cruz Biotechnology	Sc-47724	
Glycerol	Fisher Scientific	887845	
Glycine	Sigma-Aldrich	G8898	
HeLa QC tryptic digest	Pierce	88329	
HEPES	Fisher Scientific	AAJ1692630	
insulin	Thermo Fisher Scientific	12585014	
iodoacetamide	Sigma-Aldrich	I1149	
KONTES Dounce homogenizer 7 ml	VWR	KT885300-0007	
Large Clearance pestle 7ml	VWR	KT885301-0007	
Lysyl endopeptidase C	VWR	125-05061	
Magnesium Chloride	Sigma-Aldrich	208337	
Microcystin	enzo life sciences	ALX-350-012-C100	
Nonidet P 40 Substitute solution	Sigma-Aldrich	98379	
p84 antibody	GeneTex	GTX70220	
Phosphate Buffered Saline			
Pierce BCA Protein Assay Kit	Thermo Fisher Scientific	23227	
Pierce BSA Protein Digest, MS grade	Thermo Fisher Scientific	88341	LCMS QC
Pierce C18 spin columns	Thermo Fisher Scientific	PI-89873	

Pierce Trypsin Protease, MS Grade	Thermo Fisher Scientific	90057	For mass spectrometry sample prep
PMSF	Sigma-Aldrich	P7626	
Potassium Chloride	Sigma-Aldrich	P9541	
Protein A Sepharose CL-4B	GE Healthcare Bio-Sciences	17-0780-01	
Protein G Sepharose 4 Fast Flow	GE Healthcare Bio-Sciences	17-0618-01	
SDS	Sigma-Aldrich	L3771	
Silica emitter tip	Pico TIP	FS360-20-10	
Small Clearance pestle 7ml	VWR	KT885302-0007	
Sodium Chloride	Sigma-Aldrich	S3014	
Sodium Fluoride	Sigma-Aldrich	201154	
Sodium metabisulfite	Sigma-Aldrich	31448	
Sodium orthovanadate	Sigma-Aldrich	S6508	
Spectra/ Por 8 kDa 24 mm dialysis tubing	Thomas Scientific	3787K17	
TC Dish 150, Standard	Sarstedt	83.3903	Tissue culture dish for adherent cells
TCA	Sigma-Aldrich	T9159	
TCEP	Thermo Scientific	PG82080	
TFA	Thermo Fisher Scientific	28904	
Thermo Scientific Orbitrap Fusion MS	Thermo Fisher Scientific		
Trizma Base	Sigma-Aldrich	T6066	
Urea	Thermo Fisher Scientific	29700	
Waters ACQUITY M-Class UPLC	Waters		
Waters ACQUITY UPLC M-Class Column Reversed-Phase 1.7µm Spherical Hybrid (1.7 µm, 75 µm x 250 mm)	Waters	186007484	nanoflow C18 column