

Materials List for:

Profiling Ubiquitin and Ubiquitin-like Dependent Post-translational Modifications and Identification of Significant Alterations

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Materials

Name	Company	Catalog Number	Comments
ANTI-FLAG M2 Affinity Gel	Sigma-Aldrich	A2220-5ML	binds all Flag tagged proteins
anti-Flag M2 antibody	Sigma-Aldrich	F3165	to detect 6His-Flag tagged expression of ub/ubl
Cell strainer 40 µm	Falcon	352350	to remove floating pellet from guanidine lysed cells
Flag peptide	Sigma-Aldrich	F3290	elute flag tagged proteins from anti-flag beads
Guanidine hydrochloride	Sigma-Aldrich	50933	chaotropic agent used to denature all proteins in cell lysate
Imidazole	Sigma-Aldrich	I5513	eluates 6His bond proteins from Ni-NTA beads
Lipofectamine 3000	ThermoFisher	L3000015	to transfect HEK-293T cells to produce lentiviruses
Lobind tubes	Sigma-Aldrich	Z666491	avoids absorption of precious material
Membrane Filter, 0.45 µm	Millipore	HAWP04700F1	to filter the lentiviral supernatant
Ni-NTA	Qiagen	30210	purification of the 6His tag