

Materials List for:

# Single-Step Enrichment of a TAP-Tagged Histone Deacetylase of the Filamentous Fungus *Aspergillus nidulans* for Enzymatic Activity Assay

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## Materials

Name	Company	Catalog Number	Comments
10 x SDS-PAGE running buffer	Novex		
2-mercaptoethanol (EtSH)	Roth	4227	
25 cm <sup>2</sup> cell culture flasks with vent cap	Sarstedt	833910002	For spore production
47 mm vacuum filtration unit	Roth	EYA7.1	
AccuFLEX LSC-8000	HITACHI	–	Scintillation counter
Acetic acid	Roth	7332	
Anti-Calmodulin Binding Protein Epitope Tag Antibody	Millipore	07-482	Used at 1:1333 dilution
Anti-Rabbit IgG (whole molecule)–Alkaline Phosphatase (AP) antibody	Sigma-Aldrich	A3687	
Ball mill	Retsch	207450001	Mixer Mill MM 400
BCIP/NBT	Promega	S3771	Color development substrate for AP
Cell strainer	Greiner	542040	
Cheese cloth for harvesting mycelia	BioRen	H0028	Topfentuch
Dimethylsulfoxid (DMSO)	Roth	4720	
EDTA	Prolabo	20309.296	
Ethyl acetate	Scharlau	Ac0155	
Freeze Dryer	LABCONCO	7400030	FreeZone Triad
Glycerol	Roth	3783	
HCl	Roth	4625	
IgG resin	GE Healthcare	17-0969-01	IgG Sepharose 6 Fast Flow
Inoculation loops	VWR	612-2498	
KOH	Merck	5033	
Laminar flow cabinet	Thermo Scientific	–	Hera Safe KS
Mixed Cellulose Esters Membrane Filters	Millipore	GSWP04700	
NaCl	Roth	3957	
NaOH	Roth	6771	
Neubauer counting chamber improved	Roth	T728	
Novex gel system	Thermo Scientific		For SDS-PAGE

Novex Tris-glycine SDS running buffer (10X)	Thermo Scientific	LC2675	Running buffer for SDS-PAGE
peqGold protein-marker II	VWR	27-2010P	Protein ladder used for silver stain
Peristaltic Pump P-1	GE Healthcare	18111091	
Pipette controller	Brand	26302	accu-jet pro
Poly-Prep chromatography columns	Bio-Rad	731-1550	
ProSieve QuadColor protein marker	Biozym	193837	Prestained protein ladder used for western blot
Protease inhibitor cocktail tablets	Sigma-Aldrich	11873580001	cOmplete, EDTA-free
Rotary mixer	ELMI	–	Intelli-Mixer RM-2 S
Rotiszint eco plus	Roth	0016	
RPMI-1640	Sigma-Aldrich	R6504	
Scintillation vials	Greiner	619080	
Sorvall Lynx 4000	Thermo Scientific		
Thermomixer comfort	Eppendorf		
TIB32.1			<i>A. nidulans rpdA::TAP</i> strain. Genotype: <i>alcA(p)::rpdA; veA1; argB2; yA2; pIB32::argB; ArgB+; PyrG+</i>
Trans-Blot Turbo RTA Midi Nitrocellulose Transfer Kit	Bio-Rad	1704271	
Trans-Blot Turbo Transfer System	Bio-Rad	1704150	
Trichostatin A (TSA)	Sigma-Aldrich	T8552	5 mM stock in DMSO
Tris (free base)	Serva	37190	
Tris-HCl	Roth	9090	
Polysorbate 20	Roth	9127	Tween 20
Polysorbate 80	Sigma-Aldrich	P1754	Tween 80
TX-100	Acros Organics	215682500	Triton X-100, Octoxynol-9 detergent