

Materials List for:

Generation of Native, Untagged Huntingtin Exon1 Monomer and Fibrils Using a SUMO Fusion Strategy

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Materials

Name	Company	Catalog Number	Comments
Uranyl formate (UO ₂ (CHO ₂) ₂)	EMS	22450	
Formvar/carbon 200 mesh, Cu 50 grids	EMS	FCF200-Cu-50	
High Precision Cell made of Quartz SUPRASIL 1 mm light path from Hellma Analytics	HellmaAnalytics	110-1-40	
Buffer Substance Dulbecco's (PBS w/o Ca and Mg) ancinne ref 47302 (RT) SERVA	Witech	SVA4730203	
Ampicillin	AxonLab	A0839.0100	
Luria Broth (Miller's LB Broth)	Chemie Brunschwig	1551.05	
Isopropyl β-D-1-thiogalactopyranoside (IPTG)	AxonLab	A1008.0025	
E. coli B ER2566	NEB	NEB# E4130	
Imidazole	Sigma	56750-500G	
cOmplete Protease Inhibitor Cocktail	Roche	4693116001	
Anti-Huntingtin Antibody, a.a. 1-82	Merck Millipore Corporation	MAB5492	
IRDye 680RD Goat anti-Mouse IgG (H + L)	Licor	925-68070	
PMSF	AxonLab	A0999.0005	
HisPrep 16/10 column	GE Healthcare	28936551	
C4 HPLC column	Phenomenex	00G-4168.P0	10 μm C4 300 Å, LC Column 250 x 21.2 mm, Phenomenex, 19x10 mm guard column, not temperature jacketed
Acetonitrile HPLC	MachereyNagel	C2502	
Filtre seringue Filtropur S 0,45 ul sans prefiltrer sterile	Sarstedt AG	83.1826	
Spectrophotometer semi-micro cuvette	Reactolab S.A.	2534	
Superloop, 1/16" fittings (ÄKTA design), 50 ml	GE Healthcare	18111382	
Trifluoroacetic acid	Sigma	302031	
GREINER Tubes fo FPLC 16 x 100 mm, cap. 12.0 ml	Greiner Bio-One	7.160 102	
100 kD Microcon fast flow filters	Merck Millipore Corporation	MRCF0R100	
Vibra-cell VCX130 ultrasonic liquid processor	Sonics		

Äkta 900 equipped with a fraction collector	GE Healthcare		
Jasco J-815 Circular Dichroism	Jasco		
Waters UPLC system	Waters		C8 BEH acquity 2.1x100 mm 1.7 micron column , preheated column (40 °C), flow rate of 0.6 mL/min, injection volume of 4 µL
waters HPLC system	Waters		2489 UV detector and 2535 quaternary gradient module, 20 mL loop in a FlexInject housing
ESI-MS: Finnigan LTQ	Thermo Fisher Scientific		
lyophilizer instrument	FreeZone 2.5 Plus		
Tecnai Spirit BioTWIN	FEI		electron microscope equipped with a LaB6 gun and a 4K x 4K FEI Eagle CCD camera (FEI) and operated at 80 kV
37 °C shaking incubator	Infors HT multitron Standard		
Biophotometer plus	Eppendorf		