

Materials List for

Utilizing Time-Resolved Protein-Induced Fluorescence Enhancement to Identify Stable Local Conformations One α -Synuclein Monomer at a Time

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jove.com/video/62655

Materials

Name	Company	Catalog Number	Comments
Amicon Ultra-15 Centrifugal Filter Units	Merc	C7715	cutoff: 100 kDa
ammonium sulfate	Sigma-Aldrich	A4418	
BSA	Sigma-Aldrich	A9647	
cysteamine	Sigma-Aldrich	30070	
dialysis bags - MEGA GeBaFlex-tube	Gene Bio-Application	MEGA320	
dithiothreitol (DTT)	Sigma-Aldrich	43815	
ethylenediaminetetraacetic acid (EDTA)	Sigma-Aldrich	E5134	
Fast SeeBand staining solution	Gene Bio-Application	SB050	
Glycine	Sigma-Aldrich	50046	
D-Glucose	Sigma-Aldrich	G7021	
HEPES	Sigma-Aldrich	54457	
HiTrap Desalting 5 mL	Sigma-Aldrich	GE17-1408	
6-hydroxy-2,5,7,8-tetramethylchroman-2-carboxylic acid (TROLOX)	Sigma-Aldrich	238813	
isopropyl β -d-1-thiogalactopyranoside (IPTG)	Sigma-Aldrich	I5502	
LB broth	Sigma-Aldrich	L3152	
Magnesium chloride	Sigma-Aldrich	63068	
MonoQ column	Sigma-Aldrich	54807	
protein LoBind tube	Sigma-Aldrich	EP0030108094	0.5 mL
Rinse a μ -slide 18	Ibidi	81816	
SDS	Sigma-Aldrich	75746	
Sodium acetate	Sigma-Aldrich	S2889	
Sodium hydroxide	Sigma-Aldrich	S8045	

Sodium phosphate monobasic monohydrate	Sigma-Aldrich	71507	
Sterile Cell spreaders, Drigalski spatulas	mini-plast	815-004-05-001	
streptomycin sulfate	Sigma-Aldrich	S9137	
sulfo-Cy3 maleimide	abcam	ab146493	
Tris(2-carboxyethyl)phosphine hydrochloride (TCEP)	Sigma-Aldrich	75259	
Tris-HCl	Sigma-Aldrich	93363	
Tryptone	Sigma-Aldrich	T7293	
Yeast Extract	Sigma-Aldrich	Y1625	