

Materials List for:

Purification and Refolding to Amyloid Fibrils of (His)₆-tagged Recombinant Shadoo Protein Expressed as Inclusion Bodies in *E. coli*

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URL: <https://www.jove.com/video/53432>

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Materials

Name	Company	Catalog Number	Comments
AKTA FPLC	GE, Amersham	# 1363	
HiLoad 16/60 Superdex	GE Healthcare	17-1069-01	
HiTrap IMAC	GE Healthcare	GE17-0920-05	
HiPrep26/10 Desalting column	GE Healthcare	GE17-5087-01	
SoluBL21 Competent <i>E. coli</i>	Genlantis	C700200	
pET-28b+	Novogen	69865-3	
IPTG	Sigma-Aldrich	I6758	
LB-Broth medium	Sigma-Aldrich	L3022	
Eppendorf Biophotometer	Eppendorf	550507804	
Trito X-100	Life Technologies	85111	
NiSO ₄	Sigma-Aldrich	656895	
EDTA	Sigma-Aldrich	E6758	
Tris-HCl	Sigma-Aldrich	RES3098T	
Protease Inhibitor Cocktail Tablets	Roche	4693116001	
NaCl	Sigma-Aldrich	746398	
Imidazol	Sigma-Aldrich	I5513	
Gdn-HCl	Sigma-Aldrich	G4505	
protein size marker	Thermo Fisher Scientific	26620	