

Materials List for:

Purification of Hsp104, a Protein Disaggregase

Elizabeth A. Sweeny¹, Morgan E. DeSantis¹, James Shorter¹

¹Department of Biochemistry and Biophysics, University of Pennsylvania

Correspondence to: James Shorter at jshorter@mail.med.upenn.edu

URL: <https://www.jove.com/video/3190>

DOI: [doi:10.3791/3190](https://doi.org/10.3791/3190)

Materials

Name	Company	Catalog Number	Comments
BL21-CodonPlus-RIL Competent Cells	Stratagene, Agilent Technologies	230255	
2XYT broth	USB Corp., Affymetrix	75864	
Complete, mini, EDTA-free protease inhibitor tablets	Roche Group	1836170	
Pepstatin A	Sigma-Aldrich	P4265	
Ni-Sepharose 6 Fast Flow	GE Healthcare	17-5318-02	
Amicon Ultra-15 centrifugal filter units (MWCO 30,000)	EMD Millipore	UFC903008	
Resource Q - 6ml column	GE Healthcare	17-1179-01	
proTEV Protease	Promega Corp.	V6052	
AcTEV Protease	Invitrogen	12575015	
Superose 6 10/300 GL	GE Healthcare	17-5172-01	
Hsp40	Assay Designs	SPP-400	
Hsp72	Assay Designs	ADI-NSP-555	