Materials List for:

Purification of the *M. magneticum* Strain AMB-1 Magnetosome Associated Protein MamAΔ41

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URL: http://www.jove.com/video/1844/

Materials

Name	Type	Company	Catalog Number	Comments
French Press	Equipment	Thermo Fisher Scientific, Inc.	FA-078A	
Pressure cell	Equipment	Thermo Fisher Scientific, Inc.	FA-032	
Ultra-centrifuge	Equipment	Sorvall, Thermo Scientific	Discovery 90SE	
Rottor	Equipment	Beckman Coulter Inc.	Ti60	
Ultra-centrifuge tubes; PC-Bottle+Cap Assay 26.3ml	Equipment	Beckman Coulter Inc.	BC-355618	
2.5cm diameter, Glass Econo-Column Chromatography Columns	Equipment	Bio-Rad	737-2521	
Ni-NTA His Bind resin	Equipment	Novagen, EMD Millipore	M0063428	
Spectrophotometer	Equipment	Amersham	Ultraspec 2100 pro	
Quartz cuvette	Equipment	Hellma	104-QS	
Fast Performance Liquid Chromatography- AKTA purifier 10	Equipment	GE Healthcare	28-4062-64	
Ion exchange column MonoQ 4.6/100 PE	Equipment	GE Healthcare	10025543	
Size exclusion pre-packed column-HiLoad 26/60 Superdex 200	Equipment	GE Healthcare	17-1071-01	
Centricon - Vivaspin15 10,000 MWCO	Equipment	Sartorius AG	VS1501	
Table centrifuge	Equipment	Thermo Fisher Scientific, Inc.	IEC CL30R	
MALDI-TOF	Equipment	Bruker Corporation	Reflex IV	
Tris-HCl (hydrotymethyl) aminomethane	Reagent	BioLab	20092391	
Sodium Chloride	Reagent	FRUTROM	235553470	
Imidazole	Reagent	Alfa Aesar	288-32-4	
EDTA free protease inhibitors cocktail	Reagent	Sigma-Aldrich	P-8849	
Dnase I (Deoxyribonuclease I)	Reagent	Sigma-Aldrich	DN-25	
Bovine Thrombin	Reagent	Fisher Scientific	BP25432	
Glycine	Reagent	BioLab	07132391	
Soudim Dodecyl Sulfate (SDS)	Reagent	BioLab	19822391	
Beta-mercaptoethanol	Reagent	Sigma-Aldrich	M-3148	

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InstantBlue	Reagent	Expedeon	1SB01L	
PageRuler Prestained Protein Ladder	Reagent	Fermentas	SM0671	

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