

Materials List for:

Purification of the Cystic Fibrosis Transmembrane Conductance Regulator Protein Expressed in *Saccharomyces cerevisiae*

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Materials

Name	Company	Catalog Number	Comments
0.2 µm syringe filter	Sartorius	FC121	
100 kDa MWCO centrifugal concentrator (PES membrane)	Vivaspin	VS0641	
2 ml microfuge tubes	Sarstedt	72.695	
40Ti rotor	Beckman Coulter	337901	
50 ml sterile Falcon tubes	Sarstedt	62.547.254	
Adenosine triphosphate disodium salt (Na ₂ ATP)	Sigma-Aldrich	A26209	
Liquid chromatography system	GE Healthcare	28-4062-64	
Aminoethylbenzenesulfonyl fluoride (AEBSF)	Sigma-Aldrich	A8456	
Glass bead-beating cell disrupter	BioSpec	1107900	
Benchtop centrifuge	HERMLE	Z300	
Benchtop centrifuge	Eppendorf	5417R	
Benchtop microfuge	Fisher	13-100-511	
Benzamidine hydrochloride	Sigma-Aldrich	434760	
Hydrophobic Beads SM-2 Adsorbent	BioRad	152-3920	
Bromophenol blue	Sigma-Aldrich	114391	
Centrifuge tubes	Beckman Coulter	357000	
Gel imaging system	BioRad	170-808	
Cholesterol	Sigma-Aldrich	C8667	
Chymostatin	Sigma-Aldrich	C7268	
Dimethylsulfoxide (DMSO)	Sigma-Aldrich	D8418	
Dithiothreitol (DTT)	Sigma-Aldrich	43815	
<i>E. coli</i> total lipid extract	Avanti lipids	100500	
Epoxy succinyl-leucylamido-butane (E-64)	Sigma-Aldrich	E3132	
Glass beads, acid washed	Sigma	G8772	
Glycerol	Fisher	65017	
HisTrap HP columns (5 ml)	GE Healthcare	17-5247-05	
Rapid Coomassie Stain	Novexin	ISB1L	
Centrifuge JA-17 rotor	Beckman Coulter	369691	
Leupeptin	Merck	108975	
Lyso-phosphatidyl glycerol-14 (LPG)	Avanti lipids	858120	

MgSO ₄	Sigma-Aldrich	M7506	
Gel tank SDS-PAGE system	BioRad	165-8006	
n-Dodecyl-β-D-maltopyranoside (DDM)	Affymetrix	D310S	
NaCl	Sigma-Aldrich	S6191	
NaN ₃	Sigma-Aldrich	S2002	
NH ₄ Cl	Sigma-Aldrich	A9434	
Oligomycin	Sigma-Aldrich	75351	
Ultracentrifuge	Beckman Coulter	392050	
Prestained protein standards	Fermentas	SM1811	
Desalting columns (Sephadex G-25)	GE Healthcare	17-0851-01	
Pepstatin A	Sigma-Aldrich	P4265	
Phenylmethanesulfonylfluoride (PMSF)	Sigma-Aldrich	P7626	
SCH28080	Sigma-Aldrich	S4443	
Sodium dodecyl sulfate (SDS)	Sigma-Aldrich	L37771	
Sodium thiocyanate (NaSCN)	Sigma-Aldrich	251410	
Gel filtration 10/300 GL column	GE Healthcare	17-5172-01	
Tris-base	Formedium	TRIS01	
Ultracentrifuge tubes	Beckman Coulter	355618	
Vortex mixer	Star Labs	N2400-0001	
Ultrasonic water bath	Ultrawave	F0002202	
Multimode plate reader	BioTek	BTH1MF	