

Materials List for:

Expression and Purification of Mammalian Bestrophin Ion Channels

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Materials

Name	Company	Catalog Number	Comments
HEPES	Fisher Scientific	AC327265000	
NaCl	Fisher Scientific	AC446212500	
Glycerol	Fisher Scientific	G33-500	
Imidazole	Fisher Scientific	AC301870010	
MgCl ₂	Fisher Scientific	AC197530010	
TCEP	Fisher Scientific	AA4058704	
Aprotinin	Fisher Scientific	AAJ63039MA	
Leupeptin	Fisher Scientific	AAJ61188MB	
Pepstatin A	Fisher Scientific	AAJ20037MB	
Phenylmethylsulfonyl fluoride	Fisher Scientific	AC215740050	
DDM sol-grade	Anatrace	D310S	
DDM anagrade	Anatrace	D310	
Sf-900 II SFM	ThermoFisher	10902179	
FreeStyle medium	ThermoFisher	12338018	
NanoDrop spectrophotometer	ThermoFisher	ND-2000	
High pressure homogenizer	Avestin	Emulsiflex-C5	
HisTrap column	GE	17-5248-01	
Superdex-200 column	GE	28990944	
AKTA Pure	GE	29018224	
Ultra-15 centrifugal filter units	Millipore	UFC910024	
Ultra-4 centrifugal filter units	Millipore	UFC810024	
Ultra-0.5 centrifugal filter units	Millipore	UFC505024	
Optima XE-90 Ultracentrifuge	Beckman Coulter	A94471	
Mini-PROTEAN Tetra Cell	Bio-Rad	1658004	
Mini-PROTEAN precast gel	Bio-Rad	4561084	
T100 Thermal Cycler	Bio-Rad	1861096	
PolyJet transfection reagent	SignaGen	SL100688	
pEG BacMam vector			Obtained from the Gouaux lab at Vollum Institute