

Materials List for:

## Design and Construction of Artificial Extracellular Matrix (aECM) Proteins from *Escherichia coli* for Skin Tissue Engineering

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### Materials

Name	Company	Catalog Number	Comments
pET22b (+)	Novagen	69744	T7 expression vectors with resistance to ampicillin
BL21(DE3)pLysS	Invitrogen	C6060-03	additional antibiotics - chloramphenicol
Isopropyl-beta-D-thiogalactoside (IPTG)	Gold Biotechnology	I2481C	1 M stock solution with autoclaved water, make fresh prior to induction.
QIAprep Spin Miniprep Kit	Qiagen	27106	plasmid isolation kit
T4 ligase	New England Biolabs	M0202S	
Ampicillin	Affymetrix	11259	
Chloramphenicol	Affymetrix	23660	
Zymoclean™ gel DNA recovery kit	Zymo Research	D4001	
XL10-gold strain	Agilent Technologies	200315	