

Materials List for:

# Direct Protein Delivery to Mammalian Cells Using Cell-permeable Cys<sub>2</sub>-His<sub>2</sub> Zinc-finger Domains

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URL: <https://www.jove.com/video/52814>

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## Materials

Name	Company	Catalog Number	Comments
Xmal	New England Biolabs	R0180L	
Sacl	New England Biolabs	R0156L	
Expand High Fidelity PCR system	Roche	11759078001	
dNTPs	New England Biolabs	N0446S	
4%-20% Tris-Glycine Mini protein gels, 1.5 mm, 10 wells	Life Technologies	EC6028BOX	
2x Laemmli Sample Buffer	BioRad	161-0737	
T4 DNA Ligase	Life Technologies	15224-017	
BL21 (DE3) Competent <i>E. coli</i>	New England Biolabs	C25271	
IPTG	Thermo Scientific	R0391	
Zinc Chloride	Sigma-Aldrich	208086-5G	
Kanamycin Sulfate	Fisher Scientific	BP906-5	
Glucose	Sigma-Aldrich	G8270-100G	
Tris Base	Fisher Scientific	BP152-25	
Sodium Chloride	Sigma-Aldrich	S9888-25G	
DTT	Fisher Scientific	PR-V3151	
PMSF	Thermo Scientific	36978	
Ni-NTA Agarose Resin	QIAGEN	30210	
Glycerol	Sigma-Aldrich	G5516-500ML	
Imidazole	Sigma-Aldrich	I5513-25G	
Amicon Ultra-15 Centrifugal Filter Units	EMO Millipore	UFC900324	
DMEM	Life Technologies	11966-025	
Fetal Bovine Serum	Life Technologies	10437-028	
Antibiotic-Antimycotic	Life Technologies	15240-062	
24-Well Flat Bottom Plate	Sigma-Aldrich	CLS3527-100EA	
Poly-Lysine	Sigma-Aldrich	P7280	
DPBS, No Calcium, No Magnesium	Life Technologies	21600010	
Heparan Sulfate	Sigma-Aldrich	H4777	
Trypsin	Life Technologies	25300054	
HeLa cells	ATCC	CCL-2	

Nano Drop ND-1000 spectrophotometer	Thermo Fisher Scientific		
QIAquick PCR Purification Kit	QIAGEN	28104	
QIAquick Gel Extraction Kit	QIAGEN	28704	