

Materials List for:

Mimicking the Function of Signaling Proteins: Toward Artificial Signal Transduction Therapy

Ronny Peri-Naor¹, Leila Motiei¹, David Margulies¹

¹Department of Organic Chemistry, Weizmann Institute of Science

Correspondence to: David Margulies at david.margulies@weizmann.ac.il

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Materials

Name	Company	Catalog Number	Comments
1-chloro-2,4-dinitrobenzene	Sigma-Aldrich	237329	
Acetic acid	Bio Lab	01070521	
Acetonitrile	J.T.Baker	9017-03	
Ascorbic acid	Sigma-Aldrich	A4544	
Copper(II) Sulfate pentahydrate	Merck-Millipore	102790	
Dimethyl sulfoxide	Merck-Millipore	802912	
Dulbecco's Phosphate Buffered Saline	Biological Industries	02-023-5A	
Ethacrynic acid	Tokyo Chemical Industry Co. Ltd	E0526	
Glutathione-s-transferase M1-1	Israel Structural Proteomics Center (Weizmann Institute of Science, Rehovot, Israel)		
JS-K	Sigma-Aldrich	J4137	
L-glutathione reduced	Sigma-Aldrich	G4251	
Magnesium Chloride	J.T.Baker	0162	
nitrate/nitrite colorimetric assay kit	Cayman Chemical	780001	
Oligonucleotides	W. M. Keck Foundation Biotechnology at Yale University		custom order
PDGF-BB	Israel Structural Proteomics Center (Weizmann Institute of Science, Rehovot, Israel)		
TBTA	Sigma-Aldrich	678937	
Triethylamine	Sigma-Aldrich	T0886	
Desalting column	GE Healthcare	illustra MicroSpin G-25 Columns	
HPLC	Waters	2695 separation module	
HPLC column	Waters	XBridge™ OST C18 column (2.5 μM, 4.6 mm × 50 mm)	
HPLC column	Waters	XBridge™ OST C18 column (2.5 μM, 10 mm × 50 mm)	
Plate reader	BioTek	synergy H4 hybrid	