

Materials List for:

Analysis of Protein Folding, Transport, and Degradation in Living Cells by Radioactive Pulse Chase

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Materials

Name	Company	Catalog Number	Comments
1.5 mL safeseal microcentrifuge tubes	Sarstedt	72.706.400	
Acetic Acid	Sigma	A6283	glacial acetic acid
BAS Storage phosphor screen 20x25 cm	GE Life Sciences	28956475	
Bromophenol Blue	Sigma	B8026	Molecular biology grade
Carestream Biomax MR films	Kodak	Z350370-50EA	
Cell-culture media	Various	N/A	Normal cell culture media for specific cell-lines used
Cell-culture media, no methionine/ cysteine	Various	N/A	Same media formulation as normal culture media e.g DMEM/MEM/ RPMI, lacking methionine and cysteine
Charcoal filter paper	Whatman	1872047	
Charcoal filtered pipette tips	Molecular bioproducts	5069B	
Charcoal vacu-guard	Whatman	67221001	
Coomassie Brilliant Blue R250	Sigma	112,553	for electrophoresis
Cysteine	Sigma	C7352	Molecular biology grade, Make 500 mM stock, store at -20
Dithiothreitol (DTT)	Sigma	10197777001	Molecular biology grade
EasyTag Express35S Protein Labeling Mix	Perkin Elmer	NEG772014MC	Other size batches of label are available depending on usage
EDTA	Sigma	E1644	Molecular biology grade
Gel-drying equipment	Various	N/A	
Glycerol	Sigma	G5516	Molecular biology grade
Grade 3 chromatography paper	GE Life Sciences	3003-917	
Hank's Balanced Salt Solution (HBSS)	Gibco	24020117	
Kimwipes delicate task wipes	VWR	21905-026	
MES	Sigma	M3671	Molecular biology grade
Methanol	Sigma	MX0490	
Methionine	Sigma	M5308	Molecular biology grade, Make 250 mM stock, store at -20
Minigel casting/running equipment	Various	N/A	
NaCl	Sigma	S7653	Molecular biology grade
N-ethylmaleimide	Sigma	E3876	Molecular biology grade, Make 1M stock in 100% ethanol, store at -20

PBS	Sigma	P5368	Molecular biology grade
Protein-A Sepharose fastflow beads	GE health-care	17-5280-04	
Sodium Dodecyl Sulfate (SDS)	Sigma	L3771	Molecular biology grade
Triton X-100	Sigma	T8787	Molecular biology grade
Trizma base (Tris)	Sigma	T6066	Molecular biology grade
Typhoon IP Biomolecular imager	Amersham	29187194	
Unwire Test Tube Rack 20 mm for waterbath	Nalgene	5970-0320PK	