

Materials List for:

An *in vivo* Crosslinking Approach to Isolate Protein Complexes From *Drosophila* Embryos

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Materials

Name	Company	Catalog Number	Comments
<i>Drosophila</i> agar	Lab Scientific (http://www.labscientific.com/)	FLY-8020-1	Do not autoclave the water and agar mix for prolonged period of time as it will cause the apple juice plates to become fragile
Methyl 4-hydroxybenzoate	Sigma (http://www.sigmaaldrich.com/united-states.html)	H5501	Other name: TEGOSEPT
Population cage	Flystuff (http://www.flystuff.com/)	59-104	
Fine nylon mesh	Flystuff (http://www.flystuff.com/)	57-102	When making the collection basket, cut the mesh slightly larger than the opening of the falcon tube cap to ensure a tight seal
Dounce homogenizer	Sigma (http://www.sigmaaldrich.com/united-states.html)	D8938-1SET	Chill the homogenizer on ice and prerinse with cold lysis buffer before use to prevent protein degradation
Protease inhibitor cocktail	Roche (http://www.rocheusa.com/portal/usa)	4693132001	PBS could be used to prepare concentrated protease inhibitor stock solution
Anti-HA agarose beads	MBL international (http://www.mblintl.com/)	561-8	The kit also includes HA-peptide and spin columns
HA-peptide	MBL international (http://www.mblintl.com/)	561-8	Prepare to 2 mg/ml with PBS
Spin Column	MBL international (http://www.mblintl.com/)	561-8	Spin columns are included as part of the kit
Isopropanol	Fisher Scientific (www.fishersci.com/)	BP26324	
Triton X-100	Fisher Scientific (www.fishersci.com/)	BP151-500	
Heptane	Fisher Scientific (www.fishersci.com/)	H350-4	
PBS	Invitrogen (https://www.lifetechnologies.com/us/en/home.html)	AM9625	Dilute from 10X to 1X with nanopure water before use
Formaldehyde	Fisher Scientific (www.fishersci.com/)	BP531-500	
Glycine	BioRad (www.bio-rad.com/)	161-0724	
SDS	BioRad (www.bio-rad.com/)	161-0301	
Urea	BioRad (www.bio-rad.com/)	161-0730	
Phenylmethanesulfonyl fluoride	Sigma (http://www.sigmaaldrich.com/united-states.html)	P7626-1G	Prepare 200 mM stock solution in isopropanol then dilute to working

			concentration of 2 mM in lysis buffer
IGEPAL CA-630	Sigma (http://www.sigmaaldrich.com/united-states.html)	I8896-50ML	
Tween 20	Fisher Scientific (www.fishersci.com/)	BP337-100	
15-ml tubes	USA Scientific (http://www.usascientific.com/)	1475-0511	
Bleach	Clorox brand		Dilute with equal volume of nanopure water to make 50% bleach
50-ml tubes	BD Biosciences (http://www.bdbiosciences.com/home.jsp)	352098	
Top layer sieve	Fisher Scientific (www.fishersci.com/)	04-884-1AK	
Bottom layer sieve	Fisher Scientific (www.fishersci.com/)	04-884-1BA	