Nuclear Rotein Extract\_ 6/ Buffer 6/30/95. Enffer A 20mm HEPES pH7.9 10 mm HERES pH7.9 - 100 IM - rogul 1 m 10 may Kel - 100 ml 101 -1000nl 100% 10% alycenol 420mm Nacl - 840erl Sur 1. smin Mgcl 2 - 15 ml 1 m dtizo - to lowels - 15d Im 1. Sinit Mg C/2 - yal o.sm 10 mls 0.2 min EDTA - to louls dttw Add 1 m DTT - Soul / Ional 100 min POUSE - Soul / Ional 10mg/ml Aprohinion - 10,000 / 10 ml 10 mils - add int before use to both A and B buffers on ree - Collect Cells ~ So ~ 100 x106 at 1-2000 yours 10 min 4°C - Worsh Cells once in 10-25 mls pBS. Pallet as above - rempond in 4 Vols. to size of pellet Buffer A = 500-100gul. - Incabate an ice for 1 hour. - Transfer to donner and homogenize 20-30 Strokes - transfer to 1.5 ml cpp. tube . Centrifuge @ 2000 rpms Sumi 4°C - Aspirate and remspend in I and Ruffer A. - centrifuqe @ 2000 yours 5 mins, 4°C. Aspirate. - Remsperd in 3 Vols. pellet with buffer B. - incubate on ice 30 mins. - Michologe 20 Mins @ 13,000 yours 4°C. - Tramfer to fresh I.S and epp Bradford Assay : - Smap freeze. - 80°C Dituti 1:200 795 ul tro Sul protein (NE) 200 ul Bradford 1000 ml

Buffer A	Extract_	Breffer
100 mil 9	mis-cl pH9.0	10 mls 1 ml 1 m Tris-c1 ptt9.0
100 mm	Nacl	1 ml Int Nacl Mayo
5 mm	Kc (	Soul Im Kcl
o.s with	Mgclz	Sul in Magelz
1 mm		10 ul im calla
0.570		sound 10% NP40 me to 10mls with dol 4,0
Buffer B		Baffer
,		
10 m W	HEPES PH 7.8	3 Soonl in HEDES pH7.8
10 m M 5 m M	1	
	Na HPO 4	250 jul In No, HPO4
5mm	Na ttPo 4	250 jul Int Na, HPO4
5 m m 5 m m	Naz#Poy Kch	250 pel INT No, HPO4 250 pel INT Kcl

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