

Materials List for:

Comparing the Affinity of GTPase-binding Proteins using Competition Assays

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Materials

Name	Company	Catalog Number	Comments
Bugbuster	Novagen	70584-3	
COMPLETE protease inhibitor	Roche	05 056 489 001	
Glutathione magnetic beads	Pierce	88821	
Polyethylenimine, branched, average $M_w \sim 25,000$	Sigma Aldrich	408727-100ML	
OPIMEM	Life Technologies	31985-047	
Dulbecco's Modified Eagle Media	Sigma Aldrich	D5796	
Fetal Bovine Serum	Life Technologies	10270-1-6	
L-Glutamine	Life Technologies	25030-024	
GFP-Trap_A	Chromotec	gta-20	
GDP	Sigma Aldrich	G7127	Highly unstable. Aliquot and store at -80 immediately upon reconstitution
GTP γ S	Sigma Aldrich	G8634	Highly unstable. Aliquot and store at -80 immediately upon reconstitution
Blocking Buffer	Sigma Aldrich	B6429	
Tween-20	Sigma Aldrich	P9416	
Anti-GFP antibody	Living Colors	632592	Use at 1/1000 dilution
DyLight 800 conjugated goat anti-rabbit secondary antibody	Fisher Scientific	10733944	
Anti-PAK1 antibody	Cell Signaling	2602S	Use at 1/1000 dilution
Odyssey SA Infrared Imaging System	Li-cor	9260-11PC	