

Materials List for:

# Characterize Disease-Related Mutants of RAF Family Kinases by Using a Set of Practical and Feasible Methods

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URL: <https://www.jove.com/video/59795>

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## Materials

Name	Company	Catalog Number	Comments
anti-phosphoERK1/2	Cell Signaling Technologies	4370	
anti-phosphoMEK1/2	Cell Signaling Technologies	9154	
anti-ERK1/2	AB clonal	A0229	
anti-MEK1/2	Cell Signaling Technologies	9124	
anti-FLAG(mouse)	Sigma-Aldrich	F3165	
anti-HA	Novus Biologicals	MAB6875	
anti-FLAG(Rabbit)	Cell Signaling Technologies	14793	
anti-β-actin	Sigma-Aldrich	A2228	
anti-FLAG beads(M2)	Sigma-Aldrich	A4596	
HRP-conjugated anti-mouse IgG	Jackson Laboratories	115-035-003	
HRP-conjugated anti-Rabbit IgG	Jackson Laboratories	111-035-144	
pcDNA3.1(+)	In vitrogen	V79020	
Gibson Assembly Cloning Kit	New England Biolabs	E5510	
T4 DNA ligase	New England Biolabs	M0202	
lipofectamine 2000	Invitrogen	11668019	
Fugene 6	Roche	11 814 443 001	
DMEM w/o phenol red	Invitrogen	21063-029	
D-luciferin	GoldBio	LUCK-100	
6xhis-tagged MEK1 (K97A)	prepared in our previous studies	N.A.	Reference 15.
GloMax-Multi Detection System.	Promega	E7041	