Supplemental Figures

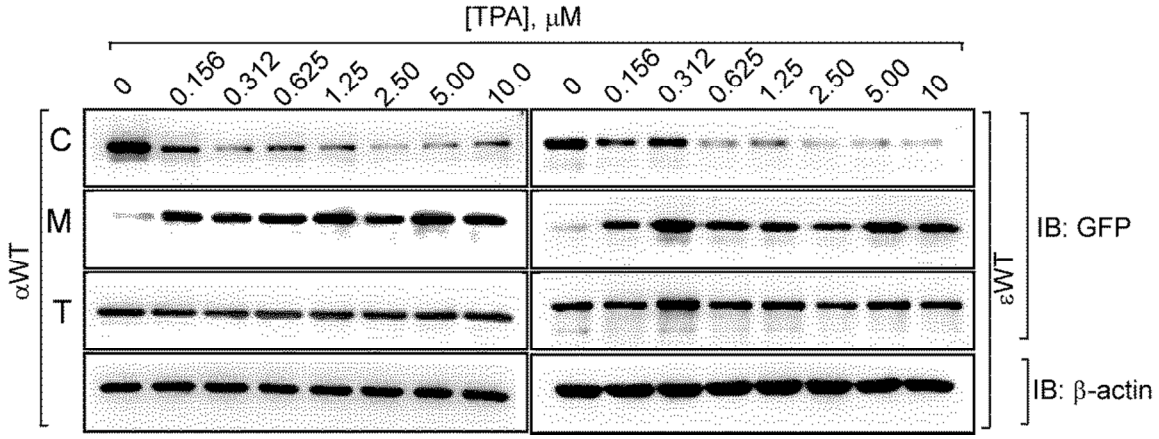

Fig S1: TPA-induced membrane translocation of PKCα (αWT) and PKCε (εWT). Western blot analysis of the cytosolic (C), membrane (M) fraction and total cell lysate (T) of αWT (left panel) and εWT (right panel) after cells treated with 0-10 μM of TPA for 1 h. β-Actin bands are shown as loading control.

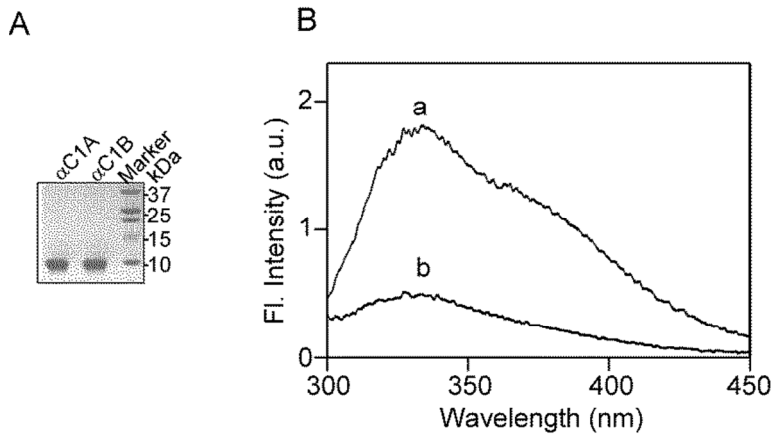

Fig S2: Characterization of purified αC1A and αC1B. **A**) SDS-PAGE (15%) of the purified protein. **A**) Fluorescence emission spectra of **a**) αC1A and **b**) αC1B. Proteins (1 μM) in buffer (50 mM tris, 150 mM NaCl, pH 7.2) were excited at 290 nm.

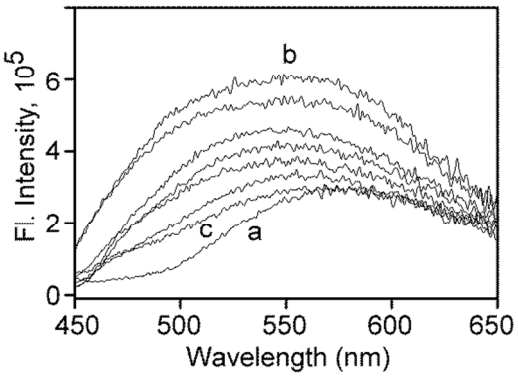

Figure S3: Emission spectra of curcumin (5 μM) (**a**) in the presence of αC1B (5 μM) and varying concentration of phorbol 13-acetate. In the presence of αC1B (**b**), curcumin's emission maximum is blue shifted and fluorescence intensity is increased. Concomitant addition of phorbol 13-acetate (1-10 μM) decreased fluorescence intensity (**c**) of curcumin. Buffer used was 50 mM Tris, 150 mM NaCl, pH 7.2 and excitation was at 425 nm.