



**Figure 5, Source Data 9.** Original, uncropped western blot membranes corresponding to Figure 5G. The membranes show co-immunoprecipitation (Co-IP) assays testing the effect of calcium ions ( $\text{Ca}^{2+}$ ) and the chelator EDTA on the interaction between ANKEF1-Flag and GAS8-MYC (or TCTE1-MYC) expressed in HEK293T cells. From top to bottom, the blots were probed with: anti-Flag antibody (detecting ANKEF1-Flag), anti-MYC antibody (detecting GAS8-MYC or TCTE1-MYC), and anti-GAPDH antibody (loading control). Lanes correspond to: input lysates (Input) and proteins immunoprecipitated with anti-Flag antibody (IP: FLAG). Pre-stained protein molecular weight markers were used (See Supplementary File 2 for antibody details).