Suppl. Fig. 4. PKA is activated in response to 1pM GM-CSF and can phosphorylate Ser585. TF-1 cells were factor-deprived overnight and then stimulated with 1pM GM-CSF for up to 15min. Cell lysates were made as described in the Materials and Methods and a PKA activity assay was performed as in Figure 4A using either a Ser585-peptide (♦, ■) or kemptide (▲, ◊). In addition, PKI (100nM) was added to control reactions to specifically inhibit PKA activity (×, ■).