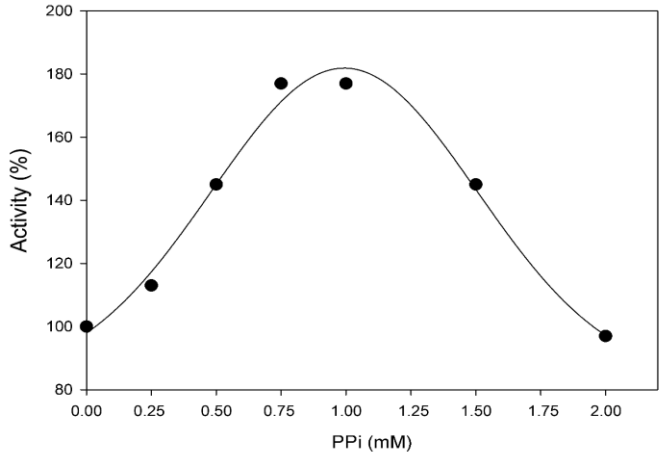

Figure S1: *Pi*GclK-1 PPi activation kinetics. The enzyme activity was measured as described under Materials and Methods. The reaction mixture contained 100 mM TEA pH 7.6, 5 mM $MgCl_2$, 5 mM glucose, 5 mM ATP, 10 mM DTT, 0.72 mM NAD^+ in the presence of purified *Pi*GlcK-1 and 1U of G6PDH and variable concentration of PPi (0-2 mM). It reaches its maximum point at a concentration of Pi between 0.75 and 1 mM.

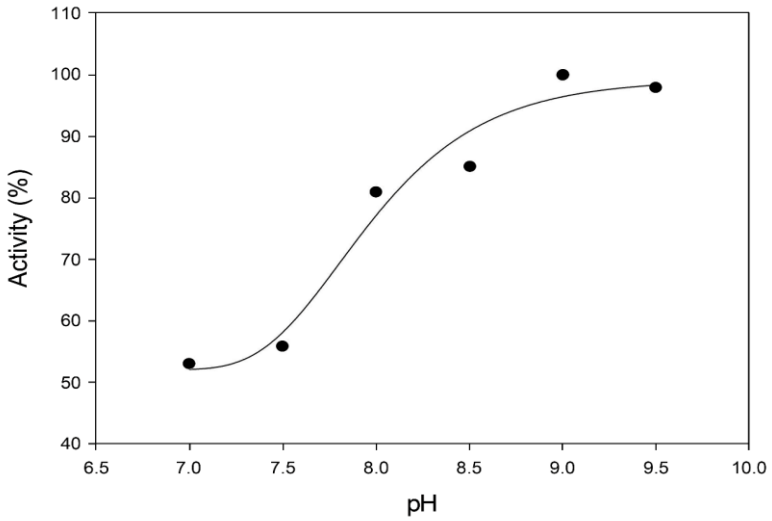

Figure S2: Effect of hydrogen ion concentrations on *Pi*GlcK-1. The enzyme activity was measured as described under Materials and Methods. The reaction was carried out using a polybuffer of MES, MOPS, Tris and TEA, each at 25 mM over a pH range from 7 to 9.5. The activity showed an optimal value for pH between 9.0 and 9.5.