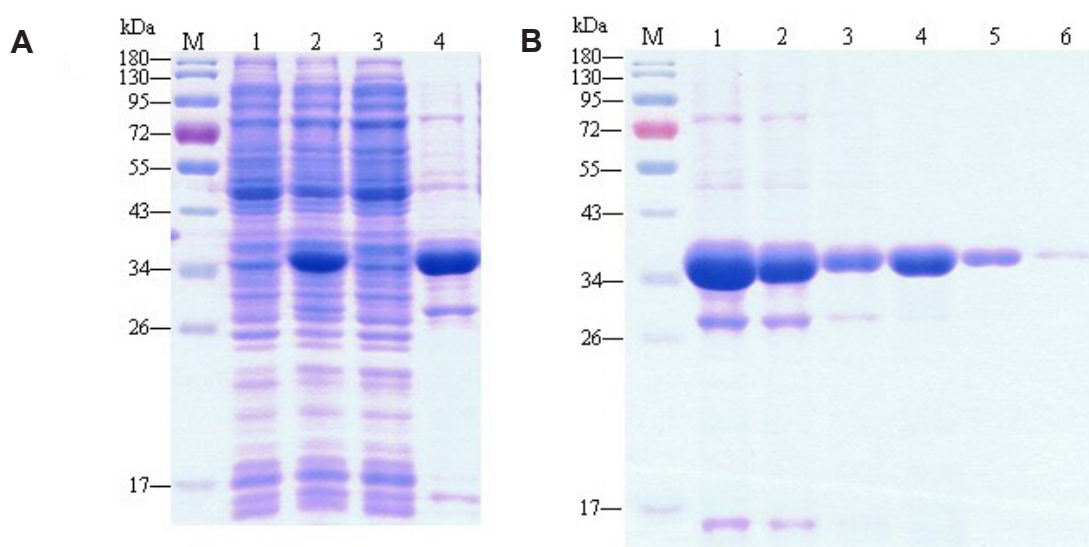


Research Article

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Supplementary Fig. S1. Expression and purification of recombinant NbH XK2 protein. **A** – SDS-PAGE analysis of expressed recombinant protein. M – protein molecular marker; 1 – recombinant bacteria without induction; 2 – recombinant bacteria induced with IPTG; 3 – ultrasonic supernatant of induced recombinant bacteria; 4 – ultrasonic precipitation of induced recombinant bacteria; **B** – DS-PAGE analysis of purified recombinant protein. M – protein molecular marker; 1 – ultrasonic precipitation without NTA column purification; 2 – flow-through; 3 – recombinant protein was eluted by elution buffer containing 20 mM imidazole; 4–6 – recombinant protein was eluted by elution buffer containing 500 mM imidazole.



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Supplementary Fig. S2. Subcellular localisation of hexokinase-2 in *N. bombycis* Nägali, 1857 at different developmental stage. All the images are merge of phase and green fluorescence photos. White arrow show the hexokinase-2 on the plasma membrane. **A** – dormant spores; **B** – spore undergoing germination; **C** – proliferative cell; **D** – during sporulation; **E** – spore maturation.

