

CORRECTION

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Correction: A smallest 6 kda metalloprotease, mini-matrilysin, in living world: a revolutionary conserved zinc-dependent proteolytic domain- helix-loop-helix catalytic zinc binding domain (ZBD)

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There is a major mistake in the order of Figure 5 to Figure 7 in [1]. We replace the Figure 5 and Figure 6 in [1] with new corrected Figures of Figure 1 and Figure 2. We also replace the correct original order of Figure 6 and Figure 7 in [1] with Figure 2 and Figure 3 in this correction. Sorry for the inconveniences!

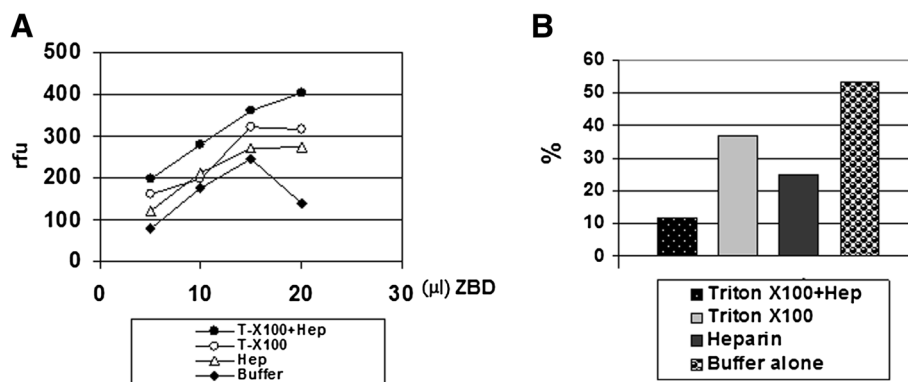
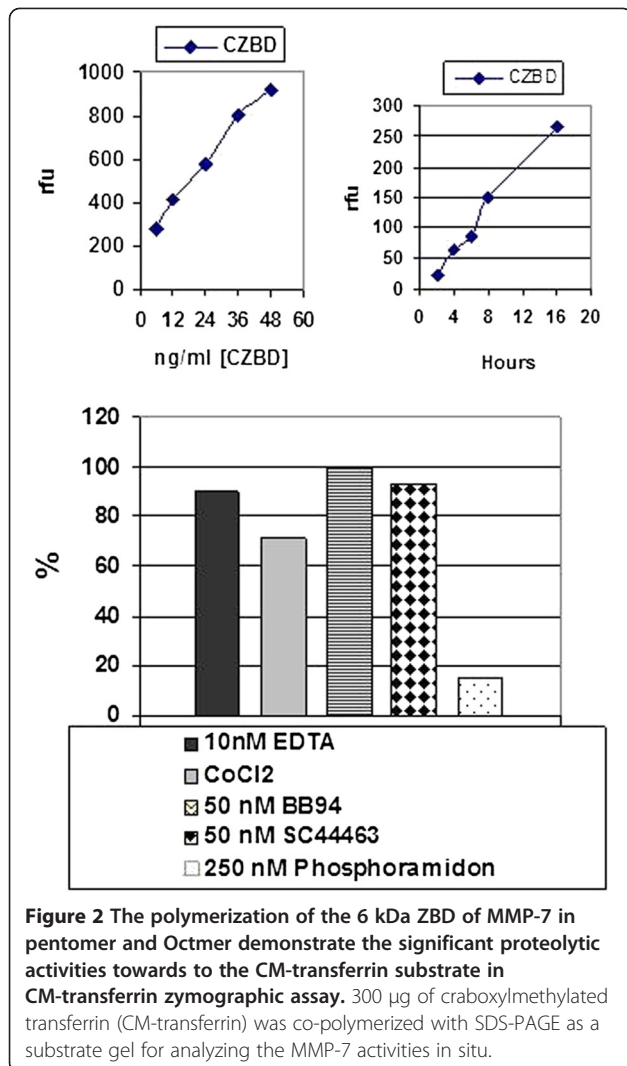


Figure 1 Combination of 0.05% Triton and 0.2 mg/ml heparin give the optimal refolding activities to cleave the synthetic coumarin-labelled peptide substrate, Mca-Pro-Leu-Gly-Leu-Dpa-Ala-Arg-NH₂. *Panel A*: Shows the refolded ZBD activities increased in dose-dependent manner. In the absence of the refolding accessory factors, Triton X-100 and heparin. The significant reduced activities in the high-concentration (> 100 μg/ml) was observed which could be due to autolysis. *Panel B*: Under 37°C incubation for 18 hours, Triton X-100 and heparin can prevent the activity loss.(All experiments were repeated at two batch of purification and refolding preparation and data collected from a representative experiments).

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1. Yu WH, Huang PT, Lou KL, Yu SS, Lin C: A Smallest 6 kDa Metalloprotease, Mini-matrilysin, in Living World: a Revolutionary Conserved Zinc-Dependent Proteolytic Domain- Helix-Loop-Helix Catalytic Zinc Binding Domain (ZBD). *J Biomed Sci* 2012, **19**:54.

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