

Captions for supplementary figures:

Supplementary Figure 1. Nicotinamide Mononucleotide (NMN) attenuated hypoxia-reoxygenation induced injuries in HK-2 cells. (A-B) Flow cytometry analysis of γ H2A.X(ser139) of HK-2 cells after subjected to hypoxia for 12 hours followed by 12 hours reoxygenation (H12/R12), and bar graph showed decreased DNA damage in NMN-treated group. (C-D) Decreased percentage of SA- β -gal positive cells in NMN-treated group after subjected to hypoxia for 48 hours followed by 12 hours reoxygenation (H48/R12). (E-F) Western blots analysis showed reduction of collagen IV in NMN-treated groups after 48 hours hypoxia followed by 12 hours reoxygenation (H48/R12).

Supplementary Figure 2. NAD⁺ levels in the contralateral and ischemic kidney tissues of uIRI mice given PBS or NMN. n=6/group. data are means \pm SD.