**E.** The cleavage ofPhldb2 by Lem8△C52 requires 14-3-3ζ. Purified HA-Phldb2-Flag from HEK293T was incubated with His6-Lem8△C52 in reactions with or without His6-14-3-3ζ. Total proteins of all samples were resolved with SDS-PAGE, and probed by immunoblotting with antibody specific for HA, Flag and His6, respectively.