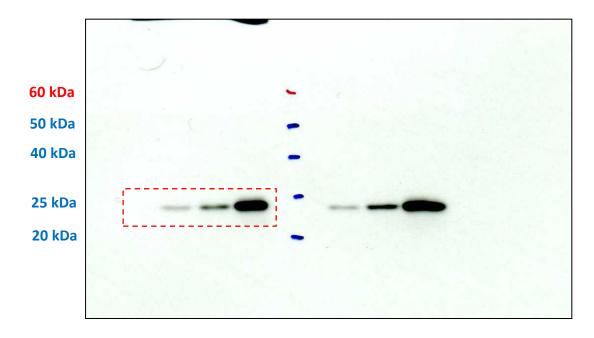
## Figure 7B

## Gel: 12.5% SDS-PAGE gel

MW Marker: BenchMark pre-stained (Invitrogen 10748-010) 1<sup>st</sup> Antibody: rabbit anti-HA, 1:1,000 (Sigma Aldrich H6908) 2<sup>nd</sup> Antibody: goat anti-rabbit IgG, HRP labelled 1:10,000 (Sigma Aldrich A6154) Image acquisition: Incubation with HRP substrate and exposure to Film (2 second)



Lane order:

Vector control, minHIS3, staHIS3, maxHIS3 (Replicate 1, 10  $\mu$ l load) Marker

Vector control, minHIS3, staHIS3, maxHIS3 (Replicate 2, 10 µl load)

Approximate area used in figure 7B is outlined