

Figure S1

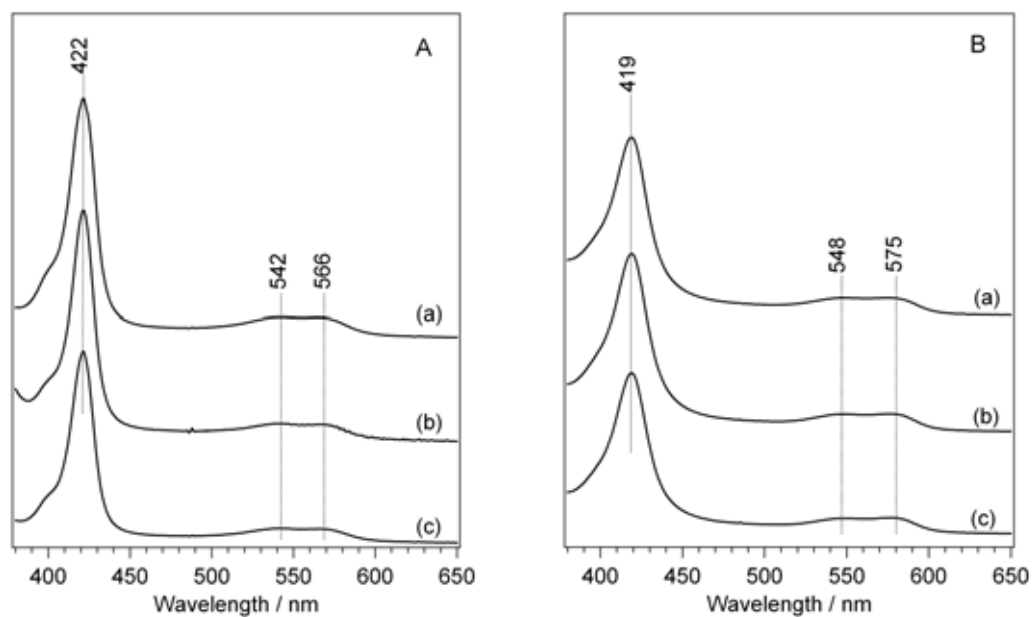


Figure S1. Electronic absorption spectra of (A) CO-bound and (B) NO-bound HemAT-Bs. (a) WT, (b) T95A, and (c) Y70F HemAT-Bs

Figure S2

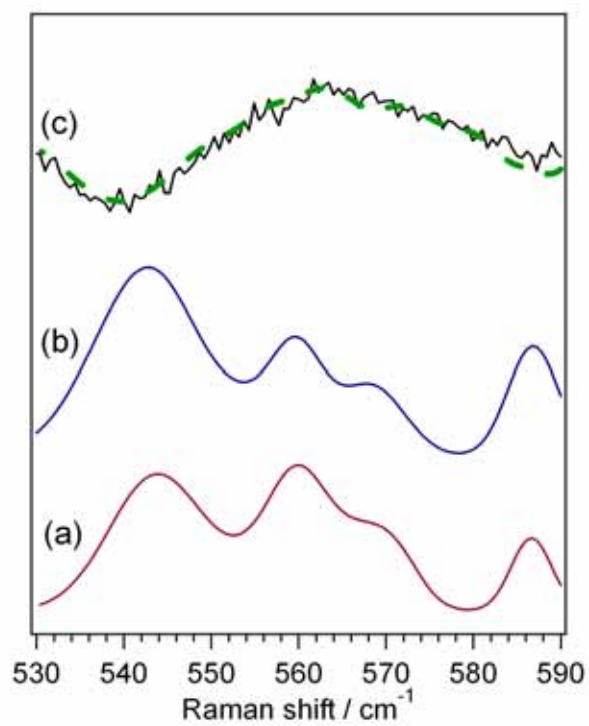


Figure S2. The fitting curve of the resonance Raman spectra of (a) $^{16}\text{O}_2$ -bound, and (b) $^{18}\text{O}_2$ -bound H86A HemAT-Bs. The different spectrum of these fitting curves (broken line in (c)) is almost same with the difference spectra of the raw spectra (solid line in (c)).