Supplementary Material

Figure SI-1. Gene design for the *Mb*NHase^{$\Delta 238-257$} mutant showing that the α and β -subunit genes overlap by sharing the "TG" based on TGA and ATG requiring on one promotor for the expression of both genes.

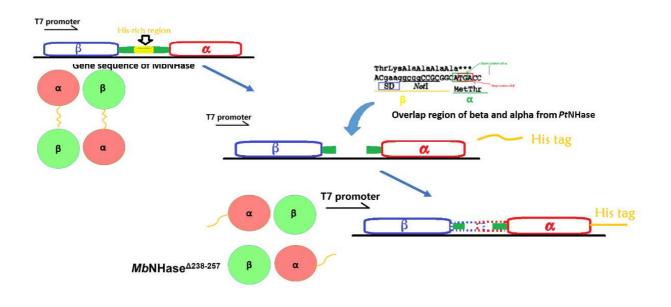


Figure SI-2. EPR spectrum of a 200 μ M sample of *Mb*NHase in 50 mM HEPES buffer containing 300 mM NaCl, pH 8.0. Signals observed at g = 4.3 (~1500 G) and g = 2.0 (~3400 G) are Fe(III) and Cu(II) impurities within the EPR cavity.

