



Figure 1. Examples of redox cofactors found in metalloproteins. (a) $[\text{Fe}_2\text{-S}_2]^{2+;1+}$ cluster; (b) $[\text{Fe}_3\text{-S}_4]^{1+;0}$ cluster; (c) $[\text{Fe}_4\text{-S}_4]^{3+;2+/2+;1+}$ cluster; (d) molybdenum cofactor in xanthine oxidase; (e) molybdenum cofactor in dimethylsulfoxide reductase; (f) heme prosthetic group; (g) iron molybdenum cofactor in nitrogenase.