NpF2164g3

Class: Cyanobacteriochrome

Family: cysteine insert

Origin: *Nostoc punctiforme*

Chromophore(s): PCB
Static ground-state absorption spectra are shown for the $^{15Z}P_v$ dark ground state (violet curve) and in the $^{15E}P_o$ ground state (orange curve). Spectra are scaled to the peak absorption at 280 nm (not shown).

References

1. Photoconversion changes bilin chromophore conjugation and protein secondary structure in the violet/orange cyanobacteriochrome NpF2163g3. Lim S1, Rockwell NC, Martin SS, Dallas JL, Lagarias JC, Ames JB.

2. Diverse two-cysteine photocycles in phytochromes and cyanobacteriochromes. Rockwell NC1, Martin SS, Feoktistova K, Lagarias JC.