

**An inhibitory role of Arg-84 in anion channelrhodopsin-2 expressed in
*Escherichia coli***

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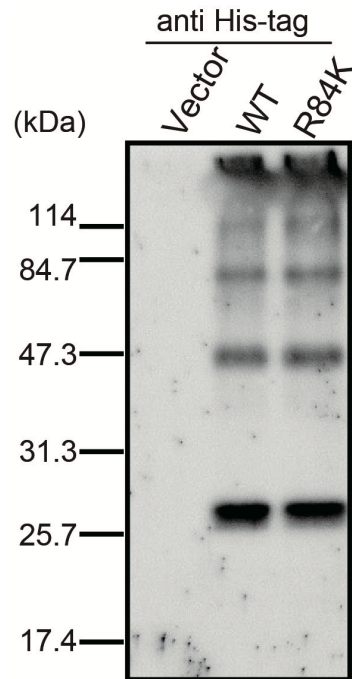


Figure S2. Western blot analysis for wild-type (WT) and R84K mutant of ACR2.

The protein was expressed in *E. coli* BL21(DE3) cells with a His-tag at the C-terminus and was detected using an anti His-tag antibody. Cells harboring the pET22b vector plasmid alone were used as a negative control (vector).