

Use the ER retention signal KHILFRRRRRGFRQ and probably should put a little flexible linker like SSGSG in front. It has to be on the cytosolic side of the membrane and best on the C-terminus.

This info comes from b.schwappach@zmbh.uni-heidelberg.de; cite (Schwappach et al., 2000).

Schwappach, B., Zerangue, N., Jan, Y. N. and Jan, L. Y. (2000). Molecular basis for K(ATP) assembly: transmembrane interactions mediate association of a K⁺ channel with an ABC transporter. *Neuron* **26**, 155-67.