Supplementary Figure 1

![Graph showing absorbance vs. elution (ml) for Kir2.1L and Kir3.1s proteins.](image-url)

- Absorbance axis ranges from 0 to 1.
- Elution (ml) axis ranges from 100 to 240.
- Kir2.1L and Kir3.1s proteins are distinguishable.

Inset: Gel electrophoresis image showing bands labeled C and N, associated with Kir3.2(N+C) protein.
Supplementary Figure 1  Size chromatograms of Kir3.1s (red), Kir2.1l (blue), and Kir3.2’s N- and C-terminal domains expressed dicistronically (inset). Elution times for tetrameric Kir3.1s (120 kD) and Kir2.1l (93 kD) based on standard markers are 175 and 185 ml. Noncovalent dimeric complex of Kir3.2 (66 kD) elutes somewhat later than a standard (145 ml) but accurate size measurements of the complexes were confirmed by static light scattering (Wyatt) and by sedimentation analyses on analytical centrifuges (Beckman). Most importantly, the inset shows that the SDS gel of the single-peak dimer fraction contains both 9 kD N-terminal and 24 kD C-terminal fragments. Circles above spectra denote tetramer or dimer.