

The [Na-K-Cl cotransporter \(NKCC\)](#) is a protein that aids in the secondary active transport of sodium, potassium, and chloride into cells. In humans there are two isoforms of this membrane transport protein, [NKCC1](#) and NKCC2, encoded by two different genes ([SLC12A2](#) and [SLC12A1](#) respectively). Two isoforms of the NKCC1/[Slc12a2](#) gene result from keeping (isoform 1) or skipping (isoform 2) exon 21 in the final gene product.

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