



Fig. S1 Generation of iSGC from HDF via EDA activation together with SGM culture. Immunofluorescence assay of expression patterns of HDF-EDA cells in SGM culture, mainly expressing myoepithelial cell-associated proteins CK5 and α -SMA. Scale bar = 50 μ m. iSGC induced sweat gland-like cell, HDF human dermal fibroblasts, EDA ectodermal dysplasia antigen, SGM sweat gland culture medium, CK5 cytokeratin 5, α -SMA α -smooth muscle actin



Fig. S2 In vivo safety assessment of iSGC. MCG-803 gastric cell lines were used as positive controls. Cells were collected and injected subcutaneously at 1×10^7 cells per site. On day 25 after implantation, no tumors were seen in iSGC-treated mice, whereas xenograft tumors were observed in MGC803 group. $n = 4$. iSGC induced sweat gland-like cell