Supplemental Figure 1. *Secretory profile of chemokines/cytokines from endocervix cultures.* The concentration of cytokines and chemokines was measured using the 45-plex Multiplex Luminex assay in the culture medium of 3D endocervical cells treated with the step hormone regimen at day 14, day 26 and day 28. Corresponding vehicle treated samples are shown. The Y axis represents the cytokine/chemokine concentration (pg/ml). 36 out of 45 factors were detected with the assay. N= six patient samples.
**Supplemental Figure 2.** Expression of endocervical cell markers. Immunohistochemistry staining of PR, ER, cytokeratin, vimentin, and ki67 of cells in the scaffolds are shown in lower magnification. Scale bars represent 50 µm.