Supplemental Figure 1. OSM is not secreted by cultured adipocytes. Cell monolayers from mature 3T3-L1 adipocytes were treated with 1 nM TNFα or vehicle (CTL= control) for 24 hours. Media was then collected from cell monolayers and Western blotting was performed. Murine OSM was used as a positive (+) control. Samples were also analyzed for adiponectin to demonstrate the intact secretory function of the cells.

Supplemental Figure 2. OSMRβ expression is equivalent in preadipocytes and adipocytes, but receptor expression varies among other tissues. Preadipocytes were induced to differentiate as described in Methods. Cell monolayers from 3T3-L1 cells were harvested at the indicated times over a time course of adipocyte development to isolate A) RNA and B) protein to study OSMRβ expression. C) Whole tissue extracts were prepared from the tissues indicated. Tissues were obtained from a 10-week old male chow fed C57BL/6 mouse. 100 μg of each extract was subjected to Western blot analysis. The figures in panels A and B represent experiments independently performed three times on different batches of cells.