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Figure S1 Primary culture and characterization of SCAP

(a) Morphologically, SCAP was spindle-shaped under the inverted phase contrast microscope. (b) SCAP formed Alizarin Red S positive mineralized nodes after osteogenic induction. (c) SCAP formed Oil Red O positive lipid clusters after adipogenic induction. (d) Flow cytometric analysis showed SCAP expressed mesenchymal stem cell surface markers (CD73, CD90, CD105 and CD146), but failed to express hematopoietic stem cell surface markers (CD31 and CD34). Scale bars = 100 µm (a, b); and 200 µm (c).