

AGENT FOR RECRUITMENT OF BONE-MARROW-DERIVED PLURIPOTENT STEM
CELL INTO PERIPHERAL CIRCULATION

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ABSTRACT

The present invention for the first time demonstrated that:

- (1) bone marrow-derived pluripotent tissue stem cells can be induced in peripheral blood by intravenously administering tissue extract prepared from isolated skin pieces;
 - 10 (2) the substance in the isolated skin pieces, which is responsible for mobilizing bone marrow-derived pluripotent tissue stem cells to peripheral blood, is HMGB1; and
 - (3) HMGB1 with the activity of mobilizing bone marrow-derived pluripotent stem cells to peripheral blood can be easily purified from cultured cells.
- 15 (No suitable figure)