METHOD FOR PRODUCING INDUCED PLURIPOTENT STEM CELL FROM MESENCHYMAL STEM CELL AND INDUCED PLURIPOTENT STEM CELL PRODUCED BY THE METHOD

Abstract

The present invention relates to a medium composition containing an Ecklonia cava extract for dediffentiating an induced pluripotent stem cell. Also, the present invention relates to a method for producing induced pluripotent stem cells using the medium composition. When using the medium composition, according to the present invention, induced pluripotent stem cells using mesenchymal stem cells can be produced safely, easily, and efficiently, and the pluripotent stem cells which have been produced can be useful as a cell treatment agent by being capable of being differentiated into a variety of cells.

Figure 2