ABSTRACT

The present invention provides a method for producing dopaminergic neuron progenitor cells from pluripotent stem cells, which method comprises the steps of: (i) performing adherent culture of pluripotent stem cells on an extracellular matrix in a medium containing a reagent(s) selected from the group consisting of BMP inhibitor, TGFβ inhibitor, SHH signal-stimulating agent, FGF8, and GSK3β inhibitor; (ii) collecting Corin- and/or Lrtm1-positive cells from the cells obtained in Step (i) using a substance which binds to Corin and/or a substance which binds to Lrtm1; and (iii) performing suspension culture of the cells obtained in Step (ii) in a medium containing a neurotrophic factor.