

ABSTRACT

A production method for parvalbumin-positive nerve cells includes: an expression induction step of inducing expression of Ascl1 gene, Dlx2 gene, and MEF2C gene in a cell, and a differentiation step of culturing the cell after the expression induction to differentiate the cells into parvalbumin-positive nerve cell; a cell into which Ascl1 gene, Dlx2 gene, and MEF2C gene are introduced in an expressible manner; and a differentiation inducer for inducing differentiation of a cell into a parvalbumin-positive nerve cell, including Ascl1 gene, Dlx2 gene, and MEF2C gene, or gene products thereof, as an active ingredient.