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(54) Title: DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS TO THE PANCREATIC ENDOCRINE LINEAGE

(57) Abstract: The present invention provides a method for increasing the expression of MAFA in cells expressing markers characteristic of the pancreatic endocrine lineage comprising the steps of culturing the cells expressing markers characteristic of the pancreatic endocrine lineage in medium comprising a sufficient amount of a cyclin-dependant kinase inhibitor to cause an increase in expression of MAFA.



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