

ABSTRACT OF DISCLOSURE

Provided is a method for producing effector cells expressing a desired specificity determining region. In this method, material cells that have a cassette deck structure with a cassette tape gene comprising a gene encoding a marker protein in their genome, wherein the material cells can be differentiated into the effector cells, and wherein the marker protein can be expressed in the effector cells or progenitor cells thereof when the material cells are differentiated into the effector cells or progenitor cells thereof are provided first. The material cells are proliferated, the proliferated cells are differentiated into the effector cells, and then, the gene encoding the marker protein in the effector cells is exchanged with a gene encoding a protein that contribute the desired specificity.