

ABSTRACT

The object of the present invention is to provide a porous scaffold for cell culture which does not deteriorate even when subjected to sterilization treatment such as autoclaving, and is capable of culturing various cells; and a production method thereof.

The present invention is a porous scaffold for cell culture comprising a crosslinked aggregate of gelatin and xanthan gum or an analog thereof, wherein the shape of the porous scaffold for cell culture is not changed during heat sterilization; and a method of producing a porous scaffold for cell culture, comprising: a mixing and foaming step of mixing and foaming gelatin and xanthan gum or an analog thereof; and a crosslinking step of crosslinking gelatin and xanthan gum or an analog thereof in the obtained foam.

FIG.1