ABSTRACT

CULTURE MEDIA FOR CULTURING PLURIPOTENT STEM CELLS IN SUSPENSION

Provided are defined culture media for culturing pluripotent stem cells in a suspension culture devoid of substrate adherence, the defined culture media comprising an effective amount of a protease inhibitor; a GSK3β inhibitor and at least one agent selected from the group consisting of a protease inhibitor and a WNT3A polypeptide; a WNT3A polypeptide and a stabilizing agent thereof with the proviso that said stabilizing agent is not a lipid vesicle; and/or a GSK3β inhibitor, with the proviso that the medium is devoid of an ERK1/2 inhibitor. Also provided are cell cultures and methods of suing same.

[FIG. 23B]