CLAIMS

1. A method for producing active human hepatocyte growth factor activator (hHGFA), comprising:

a first step of obtaining a culture supernatant comprising inactive human hepatocyte growth factor activator (pro-hHGFA) by culturing mammalian cells expressing pro-hHGFA in a cell culture medium without serum and then removing cells and cell residue from the cell culture medium, and

a second step of adding an acidic solution to the culture supernatant comprising pro-hHGFA obtained in the first step to adjust the culture supernatant to pH 4.0 - 6.0 and convert pro-hHGFA into active hHGFA.

2. The method according to claim 1, wherein said second step further comprises adding sulfated polysaccharides to said culture supernatant.

3. The method according to claim 1, wherein said second step is performed at a temperature of 15 - 40°C.

4. The method according to claim 1, wherein said culture supernatant is obtained after a decline in the survival rate of the mammalian cells cultured in the cell culture medium.

5. The method according to claim 1, wherein said mammalian cells are Chinese hamster ovary (CHO) cells.

6. The method according to claim 1, wherein said method further comprises diluting or concentrating the culture supernatant obtained in the second step.

7. A method for production of active human hepatocyte growth factor (hHGF), comprising adding active hepatocyte growth factor activator (hHGFA) to a culture supernatant

comprising inactive human hepatocyte growth factor (pro-hHGF) to convert said pro-hHGF into active hHGF,

wherein said culture supernatant comprising pro-hHGF is a culture supernatant obtained by culturing cells expressing pro-hHGF in a cell culture medium without serum and then removing cells and cell residue from the cell culture medium, and

wherein said active hHGFA is produced by the method according to claim 1.

8. The method according to claim 7, wherein said cell culture medium for culturing cells expressing pro-hHGF is a medium without any animal-derived components.