19. An additive for a medium for culturing stem cells, comprising an albumin carrying 0.1 mg/g - 0.65 mg/g of fatty acid.

20. The additive according to claim 19, wherein the fatty acid is a long chain fatty acid.

21. The additive according to claim 19, wherein the fatty acid is at least one kind selected from the group consisting of oleic acid, palmitic acid, stearic acid, linoleic acid, linolenic acid and arachidonic acid.

22. The additive according to any one of claims 19 to 21, wherein the albumin is human serum-derived albumin.

23. The additive according to any one of claims 19 to 22, wherein the stem cell is a pluripotent stem cell.

24. The additive according to claim 23, wherein the pluripotent stem cell is an embryonic stem cell (ES cell) or an induced pluripotent stem cell (iPS cell).

25. The additive according to any one of claims 19 to 24, whein the culturing is a single-cell cuturing.

26. A culture system of a stem cell, comprising a medium with an albumin carrying 0.1 mg/g - 0.65 mg/g of fatty acid and a content of fatty acid in the medium is not more than 60 μM.

27. The culture system according to claim 26, wherein the fatty