CLAIMS

1. A method of screening for a substance having an LTBP-1 expression-promoting action, the method comprising:

irradiating skin cells with ultraviolet light *in vitro*;

culturing the skin cells irradiated with ultraviolet light separately in a test medium containing a test substance and in a control medium not containing the test substance; and

comparing a level of LTBP-1 expression in test skin cells cultured in the test medium to a level of LTBP-1 expression in control skin cells cultured in the control medium,

wherein the test substance is selected as a substance having an LTBP-1 expression-promoting action when the level of LTBP-1 expression in the test skin cells is higher than the level of LTBP-1 expression in the control skin cells.

2. A non-therapeutic method of preventing or alleviating elastic fiber reduction due to ultraviolet light exposure by promoting LTBP-1 expression for cosmetic purposes, the method comprising:

applying an extract of at least one plant selected from the group consisting of jiaogulan and herb-Robert to a subject.

3. Use of an extract of at least one plant selected from the group consisting of jiaogulan and herb-Robert in the manufacture of a cosmetic product for preventing or alleviating elastic fiber reduction due to ultraviolet light exposure by promoting LTBP-1 expression.