

The method for producing the pharmaceutical composition possessing antiviral, antiproliferative and immunomodulating activity provides for preparing the aqueous solution containing  $\alpha-2\beta$  interferon, sodium chloride, phosphate buffer mixture, and polyglucin. The solution is then frozen and freeze-dried.  $\alpha-2\beta$  interferon is produced in E.coli cells by phage-dependent gene engineering technology. The solution is frozen for 30-48 hours at the temperature of  $(-45)-(-60)^{\circ}\text{C}$  followed by freeze-drying for 30-48 hours with the temperature increased up to  $+30-34^{\circ}\text{C}$ .