CHROMATOGRAPHIC SUPPORT FOR PURIFYING FC FUSION PROTEIN AND FC FUSION PROTEIN PURIFICATION METHOD USING SAME

ABSTRACT

There are provided a chromatographic support for purifying an Fc fusion protein, and a method of purifying an Fc fusion protein using the chromatographic support. The chromatographic support includes porous particles having a ligand immobilized thereon, the porous particles being synthetic polymer-based or natural polymer-based porous particles, the ligand being at least one selected from the group consisting of Protein A, Protein G, Protein L, and analogs thereof, and an average pore diameter of the porous particles having the ligand immobilized thereon being 75 to 120 nm. The method of purifying an Fc fusion protein includes: (Step 1) a step of passing a solution containing an Fc fusion protein through a column containing the chromatographic support, to bind the Fc fusion protein to the support; (Step 2) a step of washing the support; and (Step 3) a step of recovering the Fc fusion protein from the support.

[No Available Figure]