

Preparation process of glycyrrhiza polysaccharide capable of promoting T cell proliferation

Abstract

The present invention discloses a preparation process of glycyrrhiza polysaccharide capable of promoting T cell proliferation. The glycyrrhiza polysaccharide capable of promoting T cell proliferation can be obtained by extraction of glycyrrhiza polysaccharide, purification with activated carbon and modified adsorption resin, and then further removal of impurities by using DEAE-52 cellulose column for anion exchange, a membrane comprised of hollow fibers and Sephadex G-100 for adsorption. Compared with the prior art, the preparation process of glycyrrhiza polysaccharide of the present invention has the advantages that impurities such as pigments, proteins and the like in the glycyrrhiza polysaccharide can be removed, the content and the activity of glycyrrhiza polysaccharide are retained, the purity of the glycyrrhiza polysaccharide is improved, and the obtained glycyrrhiza polysaccharide has the effect of promoting T cell proliferation.

(Fig. 1)