Method for producing high-quality recombinant allergens in a plant

Abstract

The present invention relates to a method for producing a recombinant protein in a plant, in particular a tobacco plant, preferably Nicotiana benthamiana, which includes the following steps: a) culturing the plant aeroponically or hydroponically, preferably on mobile floats and under LED lighting; b) vacuum agroinfiltration of the plant obtained in a) by agrobacteria that include a DNA fragment coding for the recombinant protein; c) returning the plants to culturing after step b), under the same conditions as for step a); and d) extracting and purifying the recombinant protein from the aerial portions of the plants produced in step c).

(No suitable figure)