ABSTRACT

Plant germ of the invention for cell-free protein synthesis has a moisture content of 30% or less. An extract of the invention for cell-free protein synthesis is obtained from plant germ with a moisture content of 30% or less. A reaction liquid of the invention for cell-free protein synthesis contains an extract for cell-free protein synthesis, the extract obtained from plant germ with a moisture content of 30% or less. A method of the invention for obtaining a germ extract includes: adding water to dry plant germ and leaving the plant germ to stand; grinding and homogenizing the plant germ after standing; adding a solution for extracting germ components to the plant germ to dissolve the plant germ; and purifying the dissolved germ.