

Rapid Extraction Kit Of Plant Protein (Centrifuge column method)

Cat PE00023

Size 50T|100T

Shelf Life

1 year

Application

This kit is suitable for extracting total protein from various plant cell and tissue samples. The extraction process is simple and convenient. Proteins extracted from this kit can be used for protein research such as Western Blotting, protein electrophoresis, immunoprecipitation. The protein extracted in this kit cannot be used in 2D electrophoresis. If you need to use 2D electrophoresis or isoelectric focusing electrophoresis in downstream experiments, please use our other kits. This kit does not contain EDTA and is compatible with downstream applications such as metal chelation chromatography.

Description

Easy to use, extracted protein does not need to go through pre-treatment such as grinding, repeated freezing and thawing, ultrasonic crushing and so on.

Reduce the time of protein extraction to 30 minutes to 1 hour.

Contains protein stabiliser, the extracted protein is stable.

Low background interference in UV detection of protein concentration.

Protease inhibitors inhibit protein degradation and the protease inhibitor formulation is optimised. The Protease Inhibitor Blend contains six individual protease inhibitors; each inhibitor specifically inhibits one or more protease activities. The mixture's optimised composition allows it to inhibit almost all essential protease activities, including serine proteases, cysteine proteases, aspartate proteases, alanyl-aminopeptidases, etc.

Kit Composition

Total plant protein extract 25mL/50mL

Protease inhibitor mixture 100μL/200μL

Protein stabiliser 100μL/200μL

Protein Centrifuge Column 50 sets/100 sets

Storage

Protein extracts and lysates are stored at 2 ~ 8°C; protease inhibitors are stored at -20°C.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY