

Store at -20°C

# Protease Inhibitor Cocktail, Plant

**Description**

Protease Inhibitor Cocktail, Plant

**Cat. No.**

PG-703-1ml

**INTRODUCTION**

Protease inhibitor cocktail contains optimized concentrations of various plant protease inhibitors, which provide excellent inhibition of protease activities during protein purification from plant. The cocktail contains both reversible and irreversible protease inhibitors to inhibit serine, cysteine, metalloproteases and specific inhibitors for plant proteases, such as aspartic proteases and aminopeptidases. A 1X concentration of Plant Protease inhibitor over 90% of protease activities.

**STORAGE CONDITIONS**

It is shipped at ambient temperature. Store refrigerated at 4°C upon arrival, stable for 1 year.

NOTE: Once diluted, Plant Protease Inhibitor is stable for 1-2 weeks at 4°C or for 4-6 weeks at -20°C.

**Description**

Protease Inhibitor Cocktail (100X)  
0.5M EDTA (100X)

**Pack Size**

1ml  
2ml

**PROTOCOL**

1. Allow the Plant Protease Inhibitor to reach room temperature, then vortex or tap the vial before use.
2. Add 10µl 100X Plant Protease Inhibitor to each 1ml of extraction buffer or extract for a 1X final concentration. Mix the solution thoroughly.

OPTIONAL: For higher potency of protease inhibition, 20-30µl/ml Plant Protease Inhibitor may be used.

NOTE: Some proteins require divalent cations for their biological activity and the presence of metalloprotease inhibitor may be detrimental to the protein’s activity and its purification by immobilized metal affinity chromatography.

