

## Plant Protease Inhibitor [100x]

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Plant Protease Inhibitor contains many endogenous proteases, phosphatases, etc., which easily lead to degradation or de-modification of proteins in the extracts, thereby affecting subsequent protein detection. Therefore, adding appropriate protease, phosphatase and other inhibitors to the extract is an effective method to prevent protein degradation and de-modification. This product is a mixture of protease inhibitors used in the extraction of plant cells or tissue proteins. It contains a broad spectrum of serine, cysteine and acid protease inhibitors, as well as aminopeptidase inhibitors. Add the protease inhibitor mixture (for plant sample extraction, 100X) to the lysis solution at a ratio of 1:100, which can be used for the extraction of plant cell or tissue protein, and effectively inhibit protein degradation.

Scope of application: inhibit the activities of various proteases in plant cells or tissue extracts, such as serine proteases, aminopeptidases, cysteine proteases, threonine and aspartic proteases, metalloproteases, etc. Suitable for Western Blot and immunoprecipitation to detect phosphorylated protein, protein kinase activity determination, etc.

Catalog No.	501210
Size	100 preps
Product Category	Protease Inhibitor
Storage/Stability	-20°C/1 year
Shipping	Gel Packs