

Phosphatase Inhibitor Cocktails (mini-tablets)

CAT NO.: APL-0175-tab

DESCRIPTION

Phosphatase Inhibitor cocktails (mini tablets) protect phosphoproteins from degradation by endogenous phosphatases released during protein extraction and purification. Each tablet contains a mixture of at least five broad-specificity inhibitors that target serine, threonine, and tyrosine phosphatases.

CONTENT

APL-0175-tab	Phosphatase inhibitors included in the tablets
Acid phosphatases Alkaline phosphatases, PTPs, ATPase Serine and threonine phosphatases β -glycerophosphate Tyrosine phosphatases	Sodium fluoride Sodium Orthovanadate Sodium pyrophosphate Serine and threonine phosphatases Tyrosine phosphatases

STORAGE

Stored at 4°C. Once opened and recapped, place container in a low humidity environment at the same storage temperature.

APPLICATION

Each tablet can be used to prepare 25 ml extraction solution, which can be directly added to the protein lysate from tissues and cells. It can effectively inhibit the dephosphorylation of phosphorylated proteins and maintain the phosphorylation state of the proteins. It is suitable for Western Blot and Co-immunoprecipitation to detect.

INSTRUCTIONS

1. Dispense tablet from vial and place into 25 mL of extraction solution
2. Vortex to dissolve.

PRODUCT USE LIMITATION

Research use only.