

## Deacetylase Inhibitor Cocktail, 100×

**Cat:** P1280

**Specification:** 100T

**Storage:** Store at -20°C, avoid light, and it is valid for 1 year.

### Introduction

Extracts from cells or tissues contain many endogenous proteases, phosphatases, deacetylases, etc., which can easily lead to protein degradation or demodification in the extracts, thereby affecting subsequent protein detection. Therefore, adding appropriate inhibitors of proteases, phosphatases, deacetylases, etc. to the extracts is an effective method to prevent protein degradation and demodification. To better detect the acetylation level of intracellular proteins, cells can be collected after adding deacetylase inhibitors to the cell culture medium for a period of time.

The deacetylase inhibitor mixture can effectively inhibit the deacetylation of proteins by various deacetylases (including class I/II/III HDACs), preserving the acetylated state of proteins. The deacetylase inhibitor mixture can be directly used by adding it to lysis buffer or cell culture medium at a ratio of 1:100.

### Usage:

Effectively inhibits the deacetylation of proteins by various deacetylases (including class I/II/III HDACs), preserving the acetylated state of proteins.

### Instructions for use: (*for reference only*)

The deacetylase inhibitor mixture (100×) should be added to lysis buffer or culture medium at a ratio of 1:100. Mix well before use. It is recommended to prepare the lysis buffer or culture medium containing the deacetylase inhibitor mixture immediately before use, as it is not suitable for freezing and storing for later use.