



YamayBio

Protease and Phosphatase Inhibitor Cocktail, EDTA-free (100×)

QUICK START GUIDE

Research use only.
Not for diagnostic procedures.

Contents and storage

Protease and Phosphatase Inhibitor Cocktail, EDTA-free (100×)

BH5483 1mL

Storage: Store at -20°C for 12 months. Product shipped in ice packs.

Introduction

This product is a blend of optimized protease and phosphatase inhibitors designed to effectively prevent protein degradation by endogenous enzymes during extraction and purification. The product is suitable for a wide range of applications such as protein purification, Western blotting, co-immunoprecipitation, immunofluorescence, immunohistochemistry, and kinase assays. Additionally, it is free of AEBSF, making it compatible with mass spectrometry (MS) analysis.

Ingredient description

It contains a variety of inhibitors, including aprotinin, bestatin, leupeptin, E-64, sodium fluoride, sodium orthovanadate, sodium pyrophosphate, and β -glycerophosphate.

Quick Start Protocol

1. Equilibrate the bottle to room temperature.
2. Vortex thoroughly to ensure a homogeneous suspension.
3. Immediately before use, add the Cocktail to the cell lysate or extract at a 1:100 (v/v) dilution to achieve a final 1X concentration.

Note:

1. Protease and phosphatase levels vary depending on the sample source. A 1:100 dilution is generally recommended, but you may increase the concentration if your sample exhibits high protease or phosphatase activity.
2. This product does not contain EDTA; please add it separately if needed.
3. This product does not include Pepstatin A. If inhibition of acidic proteases is required, please add Pepstatin A separately.
4. Due to the high concentration of this product, slight crystalline precipitates may form during long-term storage. This is normal and does not affect performance.