



YamayBio

Protease Inhibitor Cocktail, EDTA-free (100×)

QUICK START GUIDE

Research use only.
Not for diagnostic procedures.

Contents and storage

Protease Inhibitor Cocktail, EDTA-free (100×)

BH5481 1mL

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

Introduction

This product is a broad-spectrum protease inhibitor that effectively blocks a wide range of cellular proteases, including serine, cysteine, aspartic, aminopeptidases, and metalloproteases. It is well-suited for protein quantification or activity-based assays such as Western blot, Co-IP, pull-down, immunofluorescence (IF), and immunohistochemistry (IHC), and helps prevent proteolytic degradation.

Ingredient description

This product contains 9 highly efficient protease inhibitors: AEBSF, Aprotinin, Bestatin, E-64, Leupeptin, Pepstatin A, Phosphoramidon, Benzamidinium HCl, and 1,10-phenanthroline.

Quick Start Protocol

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

Note:

1. This product does not contain EDTA. If needed, please add it separately. When used together with the phosphatase inhibitor cocktail (BH5482), EDTA is not recommended, as it may significantly reduce the effectiveness of certain components.
2. 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.
3. A 1:100 dilution is the recommended standard usage. If protease activity is high, the concentration of the inhibitor can be increased accordingly.