

Product No. 25955

# Protease Inhibitor Cocktail

## for Use with Mammalian Cell and Tissue Extracts

The product is a mixture of several inhibitors to protect valuable proteins from proteolysis. Proteases abundant in mammalian cells and tissues are inhibited by the product.

### Features

- The product contains 6 kinds of protease inhibitors for different targets.
- The product is a concentrated type. Dilute with any buffer of your choice.

### Composition

- 100mmol/l 4-(2-Aminoethyl)benzenesulfonyl fluoride hydrochloride
- 80μmol/l Aprotinin from bovine lung
- 1.5mmol/l E-64
- 2mmol/l Leupeptin hemisulfate monohydrate
- 5mmol/l Bestatin
- 1mmol/l Pepstatin A

These protease inhibitors are mixed in Dimethyl sulfoxide (DMSO).

### Protocol

Dilute 50-100 times with any buffer of your choice.

### Target Proteases

Protease Inhibitor	Target Protease
4-(2-Aminoethyl)benzenesulfonyl fluoride hydrochloride	Serine protease
Aprotinin from bovine lung	Serine protease, Esterase
E-64	Cysteine protease
Leupeptin hemisulfate monohydrate	Cysteine protease, Trypsin-like protease
Bestatin	Aminopeptidase, Leucine aminopeptidase
Pepstatin A	Aspartic protease

### Caution

In case of very high protease concentration, use higher concentration of the product.

### Storage

Freezer

### Expiration

Expiration date is stated on the product label.

### Packing

- 1ml (Product No.25955-24)
- 1ml x 5 bottles (Product No.25955-11)