

## EZBlock™ Protease Inhibitor Cocktail IV

**CATALOG #:** K279-1 1 ml  
K279-1 EA 1 set (5 x 1 ml)

**FORM:** Liquid

**STORAGE:** Store at -20°C.

**DESCRIPTION:** A cocktail consisting of four broad spectrum protease inhibitors useful for the inhibition of aspartic, cysteine, serine, and metalloproteases. Each vial contains inhibitors at the concentrations outlined in the table below:

Protease Inhibitor	MW	Target Protease	Concentration in the vial
AEBSF, HCl	239.5	Serine proteases	100 mM
E-64	357.4	Cysteine proteases	1.5 mM
Pepstatin A	685.9	Aspartic Proteases	2 mM
o-Phenanthroline	198.2	Metalloproteases	500 mM

**APPLICATION:** For the protection of proteins from endogenous proteases that can be released during protein extraction from cell lysates. This protease inhibitor cocktail is recommended for use with fungal and yeast cell extracts. Recommended dilution: 1:99 -1:999 (based on the applications)

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

### RELATED PRODUCTS:

- AEBSF, HCl (**Cat. No. 1644-200, -1000**)
- Aprotinin (**Cat. No. 4690-5, -100, -1000**)
- Calyculin A (**Cat. No. 1562-025**)
- BCA Protein Quantitation Kit (**Cat. No. K812-1000**)
- Bradford Protein Quantitation Kit (**Cat. No. K810-1000**)
- E-64 (**Cat. No. 1739-5, -25**)
- EZBlock™ Phosphatase Inhibitor Cocktail I (**Cat. No. K273-1ML, -1EA**)
- EZBlock™ Phosphatase Inhibitor Cocktail II (**Cat. No. K275-1ML, -1EA**)
- EZBlock™ Phosphatase Inhibitor Cocktail III (**Cat. No. K276-1ML, -1EA**)
- EZLys™ Bacterial Protein Extraction Reagent (**Cat. No. 8001-100, -500**)
- EZBlock™ Protease Inhibitor Cocktail EDTA-Free (**Cat. No. K272-1ML, -5ML, -1EA**)
- EZBlock™ Protease Inhibitor Cocktail II (**Cat. No. K277-1EA**)
- EZBlock™ Protease Inhibitor Cocktail III (**Cat. No. K278-1EA**)
- Leupeptin, Hemisulfate (**Cat. No. 1648-25, -50, -100**)
- EZLys™ Lysozyme, Human (**Cat. No. 8005-1G, -5G**)
- Okadaic Acid (**Cat. No. 1543-025**)
- Okadaic Acid, Ammonium Salt (**Cat. No. 1766-025**)
- Okadaic Acid, Potassium Salt (**Cat. No. 1765-025**)
- Okadaic Acid, Sodium Salt (**Cat. No. 1764-025**)
- PMSF (**Cat. No. 1548-5**)
- Pepstatin A (**Cat. No. 1732-25, -100**)
- Protease Inhibitor Cocktail (**Cat. No. K271-500**)

**FOR RESEARCH USE ONLY! Not to be used in humans.**