

EZBlock™ Protease Inhibitor Cocktail XII, EDTA-free, Animal-free

CATALOG NO: K221-1, set 1 vial, 5 x 1 vial

FORM: Lyophilized solid

STORAGE: -20 °C. Hygroscopic

DESCRIPTION: A cocktail of four protease inhibitors (see the table below) that have been optimized for the inhibition of serine and cysteine but not metalloproteases. Since this cocktail does not contain any EDTA, metal-dependent proteins and IMAC (immobilized metal affinity chromatography) isolation techniques (e.g. for poly-His-tagged proteins) are not affected. This product is also animal-free.

USE: Reconstitute each vial with 1 ml D.I water, aqueous buffer or media of choice to obtain a 100x stock solution. The working concentration should be optimized for each individual application.

Protease Inhibitor	Cat. No.	M.W.	Target Protease	1X Concentration
AEBSF, HCl	1644	239.69	Serine proteases	500 µM
Recombinant Aprotinin	4691	6512	Broad spectrum, serine proteases	150 nM
E-64	1739	357.41	Cysteine proteases	1 µM
Leupeptin hemisulfate	1648	493.61	Serine/Cysteine proteases	1 µM

RELATED PRODUCTS:

AEBSF, HCl (Cat. No. 1644-200, 1G)

Aprotinin (Cat. No. 4690-5, 100, 1000)

Calyculin A (Cat. No. 1562-025)

E-64 (Cat. No. 1739-5, 25)

EZBlock™ Phosphatase Inhibitor Cocktail I (Cat. No. K273-1, 1EA)

EZBlock™ Phosphatase Inhibitor Cocktail II (Cat. No. K275-1, 1EA)

EZBlock™ Phosphatase Inhibitor Cocktail III (Cat. No. K276-1, 1EA)

EZBlock™ Phosphatase Inhibitor Cocktail IV (Cat. No. K282-1, 1EA)

EZBlock™ Protease Inhibitor Cocktail EDTA-Free (Cat. No. K272-1, 5, 1EA)

EZBlock™ Protease Inhibitor Cocktail XIII, EDTA & Animal-Free (Cat. No. K222-1, set)

EZBlock™ Protease Inhibitor Cocktail II (Cat. No. K277-1EA)

EZBlock™ Protease Inhibitor Cocktail III (Cat. No. K278-1EA)

EZBlock™ Protease Inhibitor Cocktail IV (Cat. No. K279-1, 1EA)

EZBlock™ Protease Inhibitor Cocktail V, EDTA-Free (Cat. No. K290-1, set)

EZBlock™ Protease Inhibitor Cocktail VI, General Use (Cat. No. K291-1, set)

EZBlock™ Protease Inhibitor Cocktail VII (Cat. No. K292-1, set)

EZBlock™ Protease Inhibitor Cocktail VIII (Cat. No. K293-1, set)

EZBlock™ Protease Inhibitor Cocktail IX (Cat. No. K294-1, set)

EZBlock™ Universal Protease and Phosphatase Inhibitor Cocktail (Cat. No. K283-1, 1EA)

EZBlock™ Universal Protease and Phosphatase Inhibitor Cocktail, EDTA-Free (Cat. No. K284-1, 1EA)

EZLys™ Bacterial Protein Extraction Reagent (Cat. No. 8001-100, 500)

Leupeptin, Hemisulfate (Cat. No. 1648-25, 50, 100)

EZLys™ Lysozyme, Human (Cat. No. 8005-1G, 5G)

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 on humans.