

KO™ Protease Inhibitor Cocktail Set II

(without EDTA)

Ordering info

TBZ0334, KO™ Protease Inhibitor Cocktail Set II, 1 mL

Description

KO™ Protease Inhibitor Cocktail Set II is a powerful tool to work with crude cell extracts which contain a huge endogenous proteases attempting against the integrity of the proteins present in the extract. **KO™ Protease Inhibitor Cocktail Set II** is an optimized mixture of protease inhibitors with a broad specificity for the inhibition of aspartic, cysteine, serine proteases protecting your samples against undesired proteolytic digestion. It preserves protein biological activity by preventing its degradation. Absence of EDTA is suitable to maintain stability and activity of some proteins.

Storage

Store at -20 °C.

Features

- The biological activity of most proteins is retained.
- Composition (100x): 2mM Bestatin, 0.3 mM E-64, 0.3 mM Pepstatin A, and 100mM PMSF, dissolved in DMSO containing a small amount of deionized water.

Applications

Inhibitor	MW	Concentration	Proteases Inhibited	Inhibitor Type
Bestatin	308.38	2 mM	Aminopeptidases	Reversible
E-64	357.41	300 nM	Cysteine Proteases	Irreversible
Pepstatin A	685.9	300 nM	Aspartic Proteases	Reversible
PMSF	174.2	100 mM	Serine Proteases	Irreversible

Add 10 µL KO™ Protease Inhibitor Cocktail Set II to 1 mL of cell lysate obtained from ~10⁸ cells/ mL.

Also available:

- KO™ Protease Inhibitor Cocktail Set-II (TBZ0333)

	TBZ0334
Bestatin	✓
E-64	✓
Pepstatin-A	✓
PMSF	✓
EDTA	✓