

KO™ Protease Inhibitor Cocktail Set I

(Wide Spectrum Inhibition)

Ordering info

TBZ0333, KO™ Protease Inhibitor Cocktail, 1 mL

Description

KO™ Protease Inhibitor Cocktail Set I 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** is an optimized mixture of protease inhibitors with a broad specificity for the inhibition of aspartic, cysteine, serine proteases and metalloproteases protecting your samples against undesired proteolytic digestion. It preserves protein biological activity by preventing its degradation.

Storage

Store at -20 °C.

Features

- The biological activity of most proteins is retained.
- Composition (100x): 2mM Bestatin, 0.3 mM E-64, EDTA 100 mM, 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
EDTA.Na ₂	372.24	100 mM	Metalloproteases	Reversible
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 I to 1 mL of cell lysate obtained from ~10⁸ cells/ mL.

Also available:

- KO™ Protease Inhibitor Cocktail Set-II (TBZ0334)

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