

Cat. No.
TLP-120IP

ProEX™ 100X Protease Inhibitor Cocktail

■ TLP-120IP 1ml

This product is for laboratory research only and not for diagnostic use

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TransLab
Bioscience in KOREA

Description

- Translab protease inhibitor cocktail is ready-to-use concentrated stock solutions of protease inhibitors for addition to samples to prevent proteolytic degradation during cell lysis and protein extraction
- Translab protease inhibitor cocktail contains AEBSF (40 mM), aprotinin (100 ug/ml), leupeptin (100 ug/ml) and pepstatin A (100 ug/ml) in HPLC grade distilled water

Content

- 100X inhibitor cocktail (EDTA & EGTA-free solution) 1 ml
- User manual 1 sheet

Applications

- Mammalian cell, tissue extract and bacterial cell extract

Storage Information

- Store at -20°C

Protocol

- Briefly vortex the vial immediately before use to ensure complete thawing of the inhibitor components
- Freshly adding protease inhibitor cocktail into lysis buffer every time (1:100 dilution - 100 µl inhibitor cocktail into 10 ml lysis buffer)

Protease inhibitors

Names (M.W.)

AEBSF* (239.7)
Aprotinin (6512)
Bestatin (308.4)
Leupeptin (426.6)
Pepstatin A (685.9)
EDTA-Na₂ (372.24)

Target Protease

Serine proteases
Serine proteases/esterases
Amino peptidases
Cystein/serine/thiol proteases
Aspartic proteases
Metalloproteases

*Similar to PMSF, nevertheless AEBSF is more stable in aqueous solution

Troubleshooting

- Please E-mail us at translab001@daum.net to request to full detailed questions

Related Products

- Prestained protein marker	500 ul	Cat. No. TLP-111
- ECL Ottimo kit	500 ml	Cat. No. TKP-112.1
- 5X Blocking solution	500 ml	Cat. No. TLP-115.1
- RIPA lysis buffer(NP-40)	100 ml	Cat. No. TLP-119NP
- CET1 lysis buffer	100 ml	Cat. No. TLP-120CET1
- M/T-crusher lysis buffer	100 ml	Cat. No. TLP-120MT
- E-crusher lysis buffer	100 ml	Cat. No. TLP-120E
- 100X Inhibitor cocktail (Protease/Phosphatase)	10 ml	Cat. No. TLP-120I
- 100X Phosphatase cocktail	10 ml	Cat. No. TLP-120IPH