

**FUJIFILM**

**Wako**

<for Research Use Only>

Code No. 167-26101 (1 mL)  
163-26103 (1 mL × 5)

**Protease Inhibitor Cocktail Set VII DMSO  
Solution (for Histidine-tagged Protein) (× 100)**

**プロテアーゼ阻害剤カクテル セットⅦ・DMSO  
溶液(ヒスチジンタグタンパク質用)(×100)**

This protease inhibitor cocktail is used for the purification of proteins containing histidine-tagged sequence.

It is ready-to-use cocktail contains five protease inhibitors in DMSO with the specificity for cysteine, serine, aspartic, metalloproteases and aminopeptidases.

**Appearance :** DMSO solution

**Usage :** 1 vial (1 mL) of this product is sufficient for about 10g (wet weight) cells.

This cocktail set is supplied as 100 × stock solution. Dilute to 1 × solution with appropriate solution or sample solution before use.

※Precaution

Since not all organisms contain the same level of endogenous proteases, it may sometimes be necessary to increase the concentration of inhibitors.

**Contents (as 100 × stock solution) :**

| Inhibitor                       | M. W.  | Concentration | Inhibition Target                               |
|---------------------------------|--------|---------------|-------------------------------------------------|
| AEBSF Hydrochloride             | 239.69 | 100 mmol/L    | Serine Proteases                                |
| E-64                            | 357.41 | 1.5 mmol/L    | Cysteine Proteases                              |
| Bestatin                        | 308.37 | 5 mmol/L      | Aminopeptidase B and<br>Leucine Aminopeptidases |
| Pepstatin A                     | 685.89 | 2 mmol/L      | Aspartic Proteases                              |
| Phosphoramidon<br>Disodium Salt | 587.47 | 200 μmol/L    | Metalloproteases<br>(thrmolysin-like proteases) |

**[Expiration date]** Indicated on the label.

**[Storage]** Store at − 20 °C.  
Avoid freeze-thaw cycles.

**[Package]**

| Code No.  | Packaging |
|-----------|-----------|
| 167-26101 | 1 mL      |
| 163-26103 | 1 mL × 5  |

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