



# Product Specifications

## PROTEASE INHIBITOR COCKTAIL

<b>Catalog #</b>	<b>Size</b>
IB01070	1ml

### Physical Specifications

CAS#	N/A	
<b>Name</b>	<b>Molecular Weight</b>	<b>Description</b>
AEBSF	239.5	Irreversible serine protease inhibitor
Aprotinin	6512.0	Competitive/reversible serine protease inhibitor
Bestatin	308.4	Competitive inhibitor of aminopeptidases
E64	357.4	Irreversible inhibitor of cysteine proteases
Leupeptin	493.6	Reversible inhibitor of cysteine proteases

### Recommended Use

Protease Inhibitor Cocktail is an easy to use lyophilized power. Add 1ml of ddH<sub>2</sub>O to the vial and mix gently. The reconstituted Protease cocktail should be aliquoted into multiple tubes and frozen. The material can be stored up to two weeks. A 1ml vial of Protease Cocktail is sufficient for 100ml of sample buffer.

Components of protease cocktail are listed below:

<b>Name</b>	<b>Molecular Weight</b>	<b>Amount/1ml</b>	<b>Working dilution</b>
AEBSF	239.5	50mM	0.5mM
Aprotinin	6512.0	30 $\mu$ M	0.3 $\mu$ M
Bestatin	308.4	1mM	10 $\mu$ M
E64	357.4	1mM	10 $\mu$ M
Leupeptin	493.6	1mM	10 $\mu$ M

### Storage

Store at room temperature. Keep tightly sealed. Protect from moisture. Freeze when reconstituted.

### Warning

Toxic. Toxic by inhalation. May be harmful or fatal if swallowed. Avoid breathing vapors. Avoid contact with eyes, skin, and clothing. Wash thoroughly with water after handling. See Material Safety Data Sheet for additional information.