

## Protease Inhibitor Cocktail (100X)

Cat #: BMP1001

Size: 1ml/1ml×5

### Product Information

	<b>Product Name:</b> Protease Inhibitor Cocktail (100x) for use with mammalian cell and tissue extracts, DMSO solution		
	<b>Solution:</b> DMSO		<b>Formulation:</b> Liquid solution
<b>REF</b>	<b>Catalog Number:</b> BMP1001	<b>LOT</b>	<b>Lot Number:</b> Refer to product label
	<b>Storage:</b> Store at -20°C.		<b>Note:</b> Samples could be used for WB, IP, IF, IHC, kinase assay and etc.

**Background:** Endogenous proteins are produced and degraded in a balanced state, so their cellular levels are stable under stable environmental conditions. Crude cell extracts contain a number of endogenous enzymes, such as phosphatases and proteases, which are capable of degrading proteins in the extracts. Protein production is greatly halted and degradation is increased when proteins are extracted from cells and tissues in vitro. The best way to increase the yield of intact proteins is to add inhibitors of those enzymes known to be present. Protease inhibitors are tremendously valuable and useful reagents for researchers who want to inhibit general degradation of proteins in tissue or cell extracts by endogenous proteases, or to investigate particular processes that involve blocking the activity of specific proteases.

**Product Description:** This universal protease inhibitor cocktail contains individual components, including AEBSF, Aprotinin, Bestatin, E-64, Leupeptin and Pepstatin A with a broad specificity for cysteine, serine, acid proteases, and aminopeptidases. This protease inhibitor cocktail has been optimized and tested for mammalian cells and tissue extracts. This protease inhibitor cocktail is supplied as a ready-to-use solution in DMSO without EDTA.

**Usage instructions:** Thaw at room temperature, add at 1:100 (v/v) dilution to solution samples (such as cell lysates or tissue extracts) before assaying.

**Storage instructions:** Stable for at least one year at -20°C from date of shipment. Avoid freeze -thaw.

**Shipping:** Gel pack with blue ice.

**Note:** The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.