

Product No. 07574

Phosphatase Inhibitor Cocktail

Phosphatase Inhibitor Cocktail is a mixture of several inhibitors to protect valuable proteins from dephosphorylation. The product preserves phosphorylated proteins existing in small quantity in cells and tissues.

Features

- Contains some phosphatase inhibitors useful for serine/ threonine phosphatase, tyrosine phosphatase, acid phosphatase, alkaline phosphatase.
- Dilute with any buffer of your choice because of concentrated stock solution.
- Compatible with protein assay such as the Protein Assay Bicinchoninate Kit (Product No.06385) and the Protein Assay Lowry Kit (Product No.29470).
- Stable for a long time in refrigerator.

Composition

100-fold concentrated stock solution which includes some phosphatase inhibitors.

Protocol

Dilute 100 fold with any buffer of your choice.

Caution

- If phosphatase concentration is high, it can be diluted by 20 – 50-fold.
- The product may cause inhibition of metal chelate affinity chromatography and 2D electrophoresis. Remove inhibitors by dialysis or desalt before use.
- Recommend to use Phosphatase Inhibitor Cocktail (EDTA free) (Product No.07575) for metal dependency protein or calcium dependency protein.
- The product does not contain protease inhibitors. For homogenizing cells and tissues, if necessary, add protease inhibitor cocktail, such as Protease Inhibitor Cocktail (Product No.04080, Product No.25955).
- The product colors gradually.
- Direct light may interfere with an inhibition effect; shield the product from the light after using.
- The components may be precipitated during storage. Before use, melt it by vortex at 30 – 40 °C shielding light.

Storage

Refrigerator , Protect from light

Expiration

Two years from manufacturing. Expiration date is stated on the product label (Exp. yy / mm)

Packing

1 ml (Product No.07574-61)