

Protease and Phosphatase Inhibitor Cocktails

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Protease Inhibitor Cocktail:

- 5 mM EDTA (0.5 M, pH 8 stock, RT)
- 2 mM EGTA (0.2 M, pH 8 stock, RT)
- 0.2 mM 4-(2-aminoethyl)benzene sulfonyl fluoride hydrochloride (AEBSF)
(100 mM stock -20°C)
- 25 µg/ml aprotinin (10 mg/ml stock, -20°C)
- 1 mM benzamidine (1 M stock, -20°C)
- 1 mM phenylmethylsulfonyl fluoride (PMSF) (100 mM stock in 100% isopropanol, 4°C)
- 10 µg/ml pepstatin, leupeptin, chymostatin (10 mg/ml stocks in DMSO, -20°C)

Phosphatase Inhibitor Cocktail:

- 10 mM NaF (0.5 M stock, RT)
- 60 mM β-glycerolphosphate (1 M, pH 7.5 stock, 4°C)
- 10 mM sodium pyrophosphate (100 mM stock, -20°C)
- 2 mM sodium orthovanadate (200 mM stock; for method of preparation, see Brown and Gordon, *J. Biol. Chem.* 259, 9480 (1984))
- 3 µM microcysteine-LR (300 mM stock in DMSO, -20°C)