

Lot #XXXXXX

BostonBiochem

## MATERIAL DATA SHEET

### 100X 20S Proteasome Activation Solution

Cat. # B-30

This buffer contains the optimal formulation for the chemical activation of all isoforms of constitutive 20S and immuno 20S proteasome enzymes including human (**E-360**), rabbit (**E-350**), rat (**E-375**), and mouse.

#### Product Information

**Stock:** 100 µl of 3% SDS

#### Use & Storage

**Use:** Dilute to 1X for a final concentration of 0.03% in assay. Dilute in reaction buffers prior to adding proteasome (do not add directly to solutions already containing proteasome). Use with peptide substrates containing arginine residues (**S-290**, **S-300**) is not recommended, as precipitation of the substrate may occur. In these instances non-chemical activation may provide better results.

**Storage:** Store tightly capped at room temperature. If stored at -20°C, make sure reagent is completely thawed and well-mixed before use.

*For Laboratory Research Use Only, Not For Use in Humans*

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