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Product Description

Jurkat Cell Lysate

(in non-reducing sample buffer)

Catalog # 12-303

Lot # 19863

Product Description: Cellular protein preparation from human Jurkat cells, human T-lymphocyte line. Cells were lysed in modified RIPA buffer (50mM Tris-HCl, pH 7.4, 1% NP40, 0.25% sodium deoxycholate, 150mM NaCl, 1mM EGTA, 1mM PMSF, 1µg/ml aprotinin, 1µg/ml leupeptin, 1µg/ml pepstatin, 1mM Na₃VO₄, 1mM NaF) and diluted with non-reducing sample buffer (31mM Tris-HCl, pH 6.8, 5% glycerol, 1% SDS, 0.002% bromphenol blue).

Quantity and Formulation: 100µg/vial in 100µl of RIPA/non-reducing sample buffer. Concentration: 1µg/µl. Frozen solution.

Storage and Stability: Stable for 6 months at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

Use: Add 2.5µl of 2-mercaptoethanol/100µl of lysate and boil for 5 minutes to reduce the preparation. Load 20µg of reduced lysate per lane for immunoblot analysis. This preparation may be used as a positive control for some of Upstate Biotechnology's antibodies.

**FOR RESEARCH USE ONLY
NOT FOR USE IN HUMANS**