

Jurkat Cytosolic Extract, Induced

CATALOG #:	2402-100
AMOUNT:	100 µg
LOT #:	_____
STORAGE CONDITIONS:	Store at -20°C, stable for up to 3 months. Store at -70°C, stable for up to 1 year.
CONCENTRATION:	2 mg/ml in 1X SDS sample buffer containing 5% β - mercaptoethanol.

PREPARATION:

Jurkat cells were treated with 2 mM camptothecin for 6 hours. Cell lysate was prepared by homogenization in modified RIPA buffer (150 mM NaCl, 50 mM Tris-HCl, pH 7.4, 1 mM ethylenediaminetetraacetic acid, 1 mM phenylmethylsulfonyl fluoride, 1% Triton X-100, 1% sodium deoxycholic acid, 0.1% sodium dodecylsulfate, 5 µg/ml of aprotinin, 5 µg/ml of leupeptin). Cell debris was removed by centrifugation. The cell lysate was then diluted to 1X SDS sample buffer (final concentration: 50 mM Tris-HCl, pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 5% β -mercaptoethanol.

APPLICATIONS:

The Jurkat cell lysate can be boiled for 5 minutes and then loaded onto SDS-PAGE for Western blotting. 20 µg/lane is recommended for mini gel.

FOR RESEARCH USE ONLY! Not to be used on humans.

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
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- Mammalian Cell Extraction Kit
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