



cell signaling solutions

Certificate of Analysis

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atalog # 12-309

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Product Description: Nuclear extract prepared from human HeLa cells using a modified protocol of Dignam, *et al.*, which contains a variety of DNA binding proteins and transcription factors.

Use: Add an equal volume of Laemmli reducing sample buffer to 5-10 μ l of lysate and boil for 5 minutes to reduce the preparation. Load 10-20 μ g of reduced lysate per lane for immunoblot analysis. This preparation may be used as a positive control for some of Upstate's antibodies.

Quantity and Formulation: 50 μ g in 25 μ l of RIPA buffer. Concentration: 2mg/ml. Frozen solution.

Storage and Stability: Stable for 6 months at -70°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.

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

Reference:

Dignam, J.D., *et al.*, Nucl. Acids Res. **11**: 1475-1489, 1983.