

PRODUCT: HeLa Nuclear Extract**CATALOG #:** 1641-1**AMOUNT:** 1.0 mg**LOT #:** _____**DESCRIPTION:** Nuclear extract is prepared from HeLa cells using a modified protocol of Dignam et al., which contains a variety of DNA-binding proteins, transcription factors, and other nuclear proteins.**FORMULA:** 200 µl (5 mg/ml) in 20 mM Hepes (pH 7.8), 100 mM KCl, 1 mM MgCl₂, 20% Glycerol, 0.5 mM DTT, and 1 mM PMSF.**STORAGE CONDITIONS:** Store at -70°C. Stable for at least 6 months.**SHIPPING CONDITIONS:** Dry ice**RECOMMENDED USAGE:** Western blot: 10-20 µg/lane
HDAC Fluorometric Assay: 10 µg/assay
HDAC Colorimetric Assay: 50 µg/assay**REFERENCES:** Dignam, J.D. et al., Nucl. Acids Res. 11:1475-1489 (1983)**RELATED PRODUCTS:**

1. KinaseSTAR™ JNK & Akt Activity Assay Kit
2. Histone Deacetylase Fluorometric & Colorimetric Assay Kits
3. Calpain Activity Assay Kit
4. Apoptotic Cell Isolation Kit
5. MitoCapture™ Mitochondrial Apoptosis Detection Kit
6. Mitochondria/Cytosol Fractionation Kit
7. Nuclear/Cytosol Fractionation Kit
8. Cytochrome c Releasing Apoptosis Assay Kit
9. ApoSENSOR™ ATP Determination Kit & ADP/ATP Ratio Assay Kit
10. ApoGSH™ Glutathione Detection Kit
11. Nitric Oxide Fluorometric & Colorimetric Detection Kits
12. Annexin V-FITC, -Cy3, -Cy5, -EGFP, -PE, -Biotin Kits and Bulk Reagents
13. CaspSCREEN™ Flow Cytometric Caspase Assay Kit
14. CaspGLOW™ Active Caspase Staining Kits
15. CaspSELECT™ Caspase-3 & -7 Immunoassay Kits
16. Caspase-1,-2,-3,-5,-6,-8,-9,-10 Activity Assay Kits
17. Recombinant Human, Mouse, Rat Active Caspases & Procaspses
18. Ready-to-use Caspase Inhibitors & Sets
19. Ready-to-use Caspase Substrates and Sets
20. Quick Apoptotic DNA Ladder Detection Kit
21. TUNEL-based DNA Fragmentation Assay Kits
22. Ready-to-use Apoptosis Inducers and Set
23. Quick Cell Proliferation Assay Kit
24. LDH-Cytotoxicity Assay Kit
25. Live-Dead Cell Staining Kit
26. Anti-Caspase-1,-2,-3,-4,-5,-6,-7,-8,-9,-10,-11,-12,-13,-14 & Active Caspases
27. Anti-Apaf-1, Bcl-2, Bcl-x, Bax, Bad, Bid, Bim/Bod, Mcl-1, Cytochrome c
28. Anti-DFF40, DFF45, FADD, p53, IRAK, Wee1, CD40, DcR2, cFLIP, CTGF
29. Many Other Apoptosis & Cell Signaling Related Antibodies
30. Anti-GFP, His, GST, and Other Tag Antibodies
31. Growth Factors, Cytokines & Chemokines (many)
32. Link-FAST™ 5 Minutes DNA Ligation Kit

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