

PRODUCT: HeLa Nuclear Extract

CATALOG #: 1641-01 100 µg
1641-1 1 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: 20 µl (100 µg) or 200 µl (1 mg) of HeLa Nuclear Extract (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)

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

RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies