

# Human Ramos Cell Nuclear Extract

**Cat. No.** Ramos-060HCL    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Multi-purpose Ramos nuclear extracts are derived from cell lines or tissues using highly refined extraction protocols to ensure exceptionally high quality, protein integrity and lot-to-lot reproducibility. All extracts are tested by SDS-PAGE using 4-20% gradient gels.
<b>Species</b>	Human
<b>Form</b>	Liquid (sterile filtered)
<b>Specificity</b>	Ramos cells were grown in RPMI-1640 medium supplemented with 10% fetal bovine serum. Cells were washed with PBS and then incubated on ice in modified RIPA buffer to lyse the cells. Protein integrity was ensured using a cocktail of protease inhibitors with broad specificity for the inhibition of aspartic, cysteine, and serine proteases as well as aminopeptidases (0.1 mM AEBSF HCl, 0.08 μM Aprotinin, 5 μM Bestatin, 1.5 μM E-64, 2 μM Leupeptin Hemisulfate, 1 μM Pepstatin A). Phosphatase inhibitors 1 mM NaF and 1 mM Na3VO4 were also added. Cell debris was removed by centrifugation. Protein concentration was determined by a modified Lowry assay using a commercially available kit. Protein concentration was adjusted to 4 mg/mL in RIPA buffer containing protease and phosphatase inhibitors.
<b>Cell Line</b>	Human - B Lymphocyte
<b>Lysate Fractionation</b>	Nuclear Extract
<b>Lysate Stimulation</b>	Not Stimulated

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<b>Culture Type</b>	Tissue Culture
<b>Induction</b>	None (Control)
<b>Concentration</b>	4.0 mg/mL by modified Lowry assay
<b>Buffer</b>	1x RIPA Buffer with HALT Protease and Phosphatase Inhibitors
<b>Preservative</b>	None
<b>Stabilizer</b>	None
<b>Shipping</b>	Dry Ice
<b>Storage</b>	Store vial at -70 centigrade or COLDER. For extended storage, aliquot Nuclear Extract to minimize freeze/thaw cycles.
<b>Expiration</b>	Expiration date is three months from date of receipt.

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