

Product datasheet

Jurkat nuclear extract lysate (heat shock treated) ab14846

Overview

Product name	Jurkat nuclear extract lysate (heat shock treated)
General notes	Cell line: Jurkat (Human T cell lymphoblast-like). Extracts have been quality control tested by Western blot and the Electrophoretic Mobility Shift Assay (EMSA).

Properties

Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.90 Constituents: 0.75% Potassium chloride, 0.009% PMSF, 0.01% Magnesium chloride, 0.008% DTT, 0.48% HEPES, 20% Glycerol
Purification notes	The nuclear extract was prepared from the heat shock-treated Jurkat human T cell leukemia cell line (clone E6-1). Cells were cultured in medium heated at 45°C for 45 minutes immediately prior to harvesting.
Background	Often this cell line is called 'JM' (Jurkat and JM are derived from the same patient and are sister clones), occasionally JM may be a subclone with somewhat divergent features. Jurkat cells can be transfected and are therefore useful for studies of blood proto-oncogenes expression, apoptosis and cell survival (e.g HIV). They produce IL-2 and can also be used for studies of differentiation.

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