

## Product datasheet

# U937 cytoplasmic extract lysate ab14904

### Overview

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<b>Product name</b>	U937 cytoplasmic extract lysate
<b>General notes</b>	Extracts have been quality control tested by Western blot and the Electrophoretic Mobility Shift Assay (EMSA).

### Properties

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<b>Mycoplasma free</b>	Yes
<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.90 Constituents: 0.75% Potassium chloride, 0.009% PMSF, 0.01% Magnesium chloride, 0.008% DTT, 0.48% HEPES, 20% Glycerol
<b>Background</b>	The U937 cell line is a human cell line established from a diffuse histiocytic lymphoma and displaying many monocytic characteristics. It serves as an in vitro model for monocyte/macrophage differentiation, antitumour testing, tumorigenicity. U937 cells dominantly expressed the 44-46 kDa paxillin forms and IFN-beta and IFN-gamma stimulation lead to the accumulation of 66-70 kDa paxillin forms.

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