

## Human U937 Cell Lysate

**Catalog No.** PX332A **Quantity:** 100 µg

**Description:** Human U937 Cell lysate was prepared by homogenization in modified RIPA buffer (50 mM Tris-HCl, pH 7.4 + 1% Triton X-100 + 0.2% sodium deoxycholate + 0.2% sodium dodecylsulfate (SDS) + 1 mM sodium ethylenediaminetetraacetate + 1 mM phenylmethyl-sulfonyl fluoride + 5 µg/ml of aprotinin + 5 µg/ml of leupeptin). Cell debris was removed by centrifugation.

**Concentration:** 2 mg/ml

**Cell Line:** U937 (Human histiocytic lymphoma)

**Growth Media:** DMEM with 10% NCS (Newborn Calf serum)

**Formulation:** Supplied in SDS sample buffer containing 50 mM DTT

**Applications:** Western Blot

**Application Notes:** **Centrifuge vial before use.** Ready to load on SDS-PAGE. 10-20 µg per lane is recommended for mini gel. The optimal concentration should be determined by the user for each specific application.

**Storage & Stability:** Store at 2-8°C for continuous use. Store in working aliquots at -80°C for up to 1 year. **Avoid repeated freeze-thaw cycles.**

**Certification:** This material has been tested by accepted techniques and has been found to be negative for HBsAg, HIV 1/2, and HCV.

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

