

Human WI-38 Cell Lysate

Catalog No. PX333A **Quantity:** 100 µg

Description: Human WI-38 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 phenylmethylsulfonyl fluoride + 5 µg/ml of aprotinin + 5 µg/ml of leupeptin). Cell debris was removed by centrifugation.

Concentration: 2 mg/ml

Cell Line: WI-38 (Human lung fibroblast, normal; ATCC #: CCL-75)

Growth Media: ATCC medium (Minimum essential medium (Eagle) with 2 mM L glutamine and 1.5 g/L sodium bicarbonate, 0.1 mM non-essential amino acids, and 1.0 mM sodium pyruvate, and 10% FBS.)

Formulation: Lysate in SDS sample buffer with 5% β-mercaptoethanol.

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.