

## Human Prostate Tissue Lysate

<b>Catalog No.</b>	PX468A	<b>Quantity:</b>	100 µg
	PX468B		0.5 mg

**Description:** Prostate tissue lysate was prepared by homogenization in modified RIPA buffer (150 mM sodium chloride, 50 mM Tris-HCl, pH 7.4, 1 mM ethylenediaminetetraacetic acid, 1 mM phenylmethylsulfonyl fluoride, 1% Triton X-100, 1% sodium deoxycholic acid, 0.1% sodium dodecylsulfate, 5 µg/ml of aprotinin, 5 µg/ml of leupeptin. Tissue and cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The product was boiled for 5 min in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 5% β-mercaptoethanol.

**Source:** Human Prostate tissue

**Buffer:** Prostate lysate is supplied in SDS sample buffer containing 5% β-mercaptoethanol.

**Species:** Human

**Reconstitution:** During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For lysates with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

**Applications:** The human prostate tissue lysate is ready to load on SDS-PAGE for Western blotting. It is recommended to load 10 µg to 20 µg per lane for mini gel.

**Storage & Stability:** It is supplied as whole cell lysate, 100 µg per vial at 2.0 mg/ml, in 1 x SDS sample buffer containing 5% β-mercaptoethanol. Storage at -20°C is stable for three months, -70°C for one year.

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