

Rat Skeletal Muscle Tissue Lysate

Catalog No. PX417A **Quantity:** 100 µg

Description: Rat skeletal muscle 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 tissue lysate 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: Skeletal muscle from white laboratory rats

Concentration: 2.0 mg/ml

Formulation: Skeletal muscle lysate is supplied in 1 x SDS sample buffer containing 5% β-mercaptoethanol.

Applications: **Centrifuge vial before use.** Rat skeletal muscle tissue lysate is ready to load on SDS-PAGE for Western blotting, 20 µg per lane is recommended for mini gel.

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.**

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