



Human Epidermal Melanocyte - dark Lysate (HEM-d)

Catalog Number: 2226

Lysate Preparation: Cell lysate was prepared in modified RIPA buffer (50mM Tris, pH 7.2, 150mM NaCl, 1mM EDTA, 1mM EGTA, 1% NP-40 , 1mM Na₃VO₄, 5mM NaF, 400uM PMSF, 1ug/ml of pepstatin A, 5ug/ml of aprotinin, 5ug/ml of leupeptin). Cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The cell lysate was diluted with nonreducing sample buffer (50 mM Tris-HCl, pH 6.8, 5% glycerol, 1% SDS, 0.002% bromphenol blue) containing 5% beta-mercaptoethanol.

Applications: After thawing, cell lysate must be boiled (to denature the proteins) for 5 minutes prior to loading on SDS-PAGE for Western blotting. 20 µg per lane is recommended for mini gel.

Storage Condition: Stable for 6 months at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and before removing the cap. Aliquot to avoid repeated freezing and thawing.

Concentration: 2 mg/ml

Size: 200 µg (100 µl)

Shipping: Dry ice