



cell signaling solutions

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*Certificate of Analysis*

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**Rat Brain Microsomal Prep.**

Catalog # 12-144

Lot # 23865

**Product Description:** Rat brain microsomal proteins containing Na<sup>+</sup>/K<sup>+</sup>-ATPase  $\alpha$  and  $\beta$  subunits dissolved in homogenization buffer.

**Formulation:** 400 $\mu$ g in 80 $\mu$ l of 250mM sucrose, 30mM histidine and 1mM PMSF. Concentration: 5 $\mu$ g/ $\mu$ l. Frozen solution.

**Storage and Stability:** Stable for 2 years at -70°C from date of shipment for undiluted solution.

**Recommended Use for Immunoblot Analysis:** Load  $\geq$ 20-40 $\mu$ g per lane in SDS-PAGE sample buffer. **DO NOT BOIL.** Heat the microsomal protein prep. in sample buffer at 37°C for 30 minutes and centrifuge the original vial prior to aliquotting the sample.

**FOR RESEARCH USE ONLY  
NOT FOR USE IN HUMANS**