

## Rat Brain Tissue Lysate

**Cat. No.** Brain-132R    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>            | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Form</b>               | The 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.                                                                                                                                                                                                                                                                |
| <b>Concentration</b>      | 2.0 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Tissue Type</b>        | Brain                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Preparation method</b> | Brain 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. |
| <b>Safety Testing</b>     | This material has been tested by accepted techniques and has been found to be negative for HBsAg, HIV 1/2, and HCV. Additional patient information may be available upon request.                                                                                                                                                                                                                                                                  |
| <b>Diagnosis</b>          | Normal                                                                                                                                                                                                                                                                                                                                                                                                                                             |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Expiration Date</b>     | One year from date of receipt                                                                                                                                                                                                |
| <b>Size</b>                | 0.1 mg, 0.5 mg                                                                                                                                                                                                               |
| <b>Storage Instruction</b> | This lysate should be aliquoted in working amounts and may be stored for up to one month at -20°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. For longer term storage, freeze working aliquots at -70°C. |
| <b>Applications</b>        | This lysate is for use in Western blotting, 10 µg to 20 µg per lane is recommended for mini gel.                                                                                                                             |

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