

## Human Brain Membrane Lysate

**Cat. No.** Brain-51H    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

**Species** Human

**Source** Human Brain

**Concentration** 2 mg/mL or better

**Tissue Type** Brain

**Shipping** Dry ice

#### Preparation method

Human brain tissue membrane protein lysate was prepared by isolating the membrane protein from whole tissue homogenates using a proprietary technique. The human brain tissue was frozen in liquid nitrogen immediately after excision and then stored at -70°C. The membrane protein is provided in a buffer including HEPES (pH 7.9), MgCl<sub>2</sub>, KCl, EDTA, Sucrose, Glycerol, sodium deoxycholate, NP-40, and a cocktail of protease inhibitors. For quality control purposes, the isolated brain tissue membrane protein pattern on SDS-PAGE gel is shown to be consistent for each lot by visualization with coomassie blue staining. The isolated brain tissue membrane protein is then Western analyzed by either GAPDH or  $\beta$ -actin antibody to confirm there is no signal or very weak signal.

**Diagnosis** 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

|                            |                                                                                                                                                                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage Buffer</b>      | HEPES pH 7.9, MgCl <sub>2</sub> , KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, and NP-40.                                                                                                                                      |
| <b>Storage Instruction</b> | Store at 2-8°C for continuous use. For extended storage, freeze working aliquots at -70°C. Repeated freezing and thawing is not recommended. Under proper storage conditions the shelf life is half a year from the date of receipt. |
| <b>Applications</b>        | Brain membrane protein lysate is for use in Western blotting, 10 µg to 20 µg per lane is recommended for mini gel.                                                                                                                   |

 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