

## PC-12 (rat adrenal gland pheochromocytoma) whole cell lysate

**Cat. No.** PC-12-2144R    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>            | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>        | Whole cell lysate (denatured)                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Tissue Type</b>        | Adrenal Gland                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Preparation method</b> | Cell lysate was prepared by homogenization in ice-cold modified RIPA Lysis Buffer with cocktail of protease inhibitors. Cell debris was removed by centrifugation. Protein concentration was determined with Bradford assay (Bio-Rad protein assay, Microplate Standard assay). The lysate was adjusted to 2.5 mg/ml, and then mixed with 5X Sample Buffer to become final 2 mg/ml in 1X Sample Buffer. The lysate was heated at 95°C for 5 min, and cooled rapidly. |
| <b>Size</b>               | 200 ug                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Recommended Usage</b>  | The lysate is ready to load on SDS-PAGE for Western blotting.                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Storage Buffer</b>     | In ready-to-use 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue).                                                                                                                                                                                                                                                                                                                                           |

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