

## Human Spinal Cord Lysate, Total Protein

**Cat. No.** Spinal Cord-010H    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                                                                                                                                                                    |
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| <b>Product Overview</b>     | Human Spinal Cord total protein (protein lysate) is isolated from freshly harvested tissues of single healthy normal donor. Tissues are homogenized in protein lysis buffer supplemented with a cocktail of 6 mammalian protease inhibitors to minimize proteolysis, precisely quantified.                                                                         |
| <b>Species</b>              | Human                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>               | Spinal Cord                                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>         | Total protein is ready for immediate use in Western blotting, immunoprecipitation, SDS-PAGE, isoelectric focusing gels and SDS-capillary electrophoresis, enzymatic activity analysis, gel shifting assay, protein-protein interaction, and tissue specific expression. Protein can also be provided in denatured SDS Sample buffer for only Western blotting use. |
| <b>Quality Control Test</b> | Quality of protein as indicated by the absence of smear (no degradation) and sharpness and resolution of the protein bands is verified by denatured SDS-PAGE using Coomassie blue staining. The integrity of protein is tested by immunoblotting using specific beta-actin antibody.                                                                               |
| <b>Stability</b>            | Dry ice                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage</b>              | Stored at -80 centigrade.                                                                                                                                                                                                                                                                                                                                          |
| <b>Concentration</b>        | 5 mg/mL                                                                                                                                                                                                                                                                                                                                                            |

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