

## Product datasheet

### Neurofilament 160 kDa, bovine, 100 µg

#### Short overview

|                 |        |
|-----------------|--------|
| <b>Cat. No.</b> | 62209  |
| <b>Quantity</b> | 100 µg |

#### Product description

|                          |                                                                                                                                                                                                                                      |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Source</b>            | Bovine spinal cord                                                                                                                                                                                                                   |
| <b>Molecular Weight</b>  | 160 kDa                                                                                                                                                                                                                              |
| <b>Isoelectric point</b> | pI 5.1                                                                                                                                                                                                                               |
| <b>Purity</b>            | > 95% (determined by SDS gelelectrophoresis)                                                                                                                                                                                         |
| <b>Reconstitution</b>    | Reconstitute with 80 µl distilled water (final volume 100 µl). Final solution: 10 mM sodium phosphate, pH 7.5, 2 mM DTT, 6 M urea, 10 mM methylammonium chloride, 1 mM EDTA; Protein concentration: 1 mg/ml (according to Bradford). |
| <b>Application</b>       | Protein standard in 1D and 2D SDS gelelectrophoresis, immunoassays and immunization                                                                                                                                                  |
| <b>Storage</b>           | Lyophilized at -2-8°C; reconstituted at -20°C (avoid freeze/thaw cycles)                                                                                                                                                             |
| <b>Intended use</b>      | Research use only                                                                                                                                                                                                                    |

#### Background

Protein standard for immunoblotting, immunization and immunoassays.

#### Product images



Neurofilament 160 kDa, bovine, 100 µg

## References

| Publication                                                                                                                                                                                                 | Species | Application |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------|
| <a href="#">Weber K, Shaw G, Osborn M, Debus E and Geisler N: Neurofilaments, a subclass of intermediate filaments: Structure and expression. Cold Spring Harbor Symp Quant Biol 48, 717 ff (1983)</a>      |         |             |
| <a href="#">Dahl D, Crosby CJ, Gardner EE and Bignami A: Purification of the glial fibrillary acidic protein by anion-exchange chromatography. Analyt Biochem 126, 165 ff (1982)</a>                        |         |             |
| <a href="#">Bartos A, Fialova L, Soukupova J, Kukal J, Malbohan I, Pit ha J: Elevated intrathecal antibodies against the medium neurofilament subunit in multiple sclerosis. J Neurol 254, 20-25 (2007)</a> |         |             |