

## 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



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## References

Publication	Species	Application
<a href="#">Bartos A, Fialova L, Soukupova J, Kukul J, Malbohan I, Pitá€™ha J: Elevated intrathecal antibodies against the medium neurofilament subunit in multiple sclerosis. J Neurol 254, 20-25 (2007)</a>		
<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>		