Product datasheet

Vimentin, bovine, 250 µg

Short overview

Cat. No.	62011
Quantity	250 µg

Product description

Source	Bovine lens
Molecular Weight	57 kDa
Isoelectric point	pI 5.3
Purity	> 98% (determined by SDS gelelectrophoresis)
Reconstitution	Reconstitute with 200 µl distilled water (final volume 250 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)
Application	Protein standard in 1D and 2D SDS gelelectrophoresis, immunoassays and immunization
Storage	Lyophilized at 2-8°C; reconstituted at -20°C (avoid freeze/thaw cycles)
Intended use	Research use only

Background

Protein standard for immunoblotting, immunization and immunoassay. Reconstitution to filaments: after vimentin is dissolved in 6 M urea buffer (see above), protofilaments and filament complexes are obtained by dialyzing the resulting polypeptide solution stepwise to a concentration of 4 M urea and then to low salt condition (50 mM NaCl, 2 mM dithiothreitol, 10 mM sodium phosphate, pH 7.4). For immunization purposes, the solution can be further dialyzed against PBS (phosphate buffered saline, e.g. Dulbecco's PBS).- Hatzfeld M. and Franke W.W. (1985). J. Cell Biol. 101, 1826-1841 - Hatzfeld M. et al. (1987). J. Mol. Biol. 197, 237-255

Product images

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