

Product datasheet

Glial Fibrillary Acidic Protein (GFAP), bovine, 100 µg

Short overview

Cat. No.	62207
Quantity	100 µg

Product description

Reconstitution	Reconstitute with 80 µl distilled water (final volume 100 µl). Final solution: 10 mM sodium phosphate buffer pH 7.5, 6 M urea, 2 mM DTT, 1 mM EDTA, 10 mM methylammonium chloride; Protein concentration: 1 mg/ml
Storage	Lyophilized at 2-8°C; reconstituted at -20°C (avoid freeze/thaw cycles)
Intended use	Research use only

Background

Glial Fibrillary Acidic Protein (GFAP) standard for immunoblotting, immunization and immunoassays. Reconstitution to filaments is performed by dissolving in 6 M urea buffer (see above) at concentrations of approx. 0.5 mg/ml. 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 Tris-HCl, 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 WW (1985). J Cell Biol 101, 1826-1841- Hatzfeld M et al. (1987). J Mol Biol 197, 237-255

Product images



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