

Product datasheet

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

Short overview

Cat. No.	62207
Quantity	100 µg

Product description

Source	Bovine spinal cord
Molecular Weight	52 kDa
Isoelectric point	pI 5.4
Purity	> 95% (determined by SDS gelelectrophoresis)
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
Application	Protein standard in 1D and 2D SDS gelelectrophoresis, immunoassays and immunization
Synonym	GFAP, GFP
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



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