

Native Bovine Glial Fibrillary Acidic Protein/GFAP

Catalog No.	CRG111A	Quantity:	2 µg
	CRG111B		10 µg
	CRG111C		1.0 mg

Alternate Names: Glial Filament Protein, GFP.

Description: GFP is an intermediate filament. GFP and vimentin are linked to the same filament network; they are localized in the same filaments. mRNAs encoding the glial intermediate filament protein are spatially dispersed in the glial cell cytoplasm close to the location of the glial filaments. Ultra Pure Glial Filament Protein having a Molecular mass of 52 kDa

Source: Bovine Spinal Cord

Formulation: The protein was lyophilized from a 1 mg/ml solution containing 10 mM sodium phosphate buffer pH 7.5 + 6 M urea + 2 mM DTT, 1 mM EDTA + 10 mM methylammonium chloride.

Purity: Greater than 98.0% as determined analysis by RP-HPLC and by analysis by SDS-PAGE.

Reconstitution: It is recommended to reconstitute the lyophilized GFP in sterile distilled water not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Applications: Protein standard in 1D and 2D SDS gelectrophoresis
Immunoassays
Immunization.

Storage & Stability: Lyophilized Glial Filament Protein although stable at room temperature for 3 weeks, should be stored desiccated below -20°C. Upon reconstitution GFP should be stored at 2 -4°C between 2-7 days and for future use below -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please avoid freeze-thaw cycles.**

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