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**Product Data Sheet**

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Product Name: GFP  
Cat. No.: GP23547  
Batch No.: 1

**Product Data**

Purity >98% Source Bovine Spinal Cord.

Physical Appearance solid Shipping Condition Shipped at Room temp.

Synonyms Glial Filament Protein; GFP.

Solubility It is recommended to reconstitute the lyophilized GFP in sterile 18MΩ-cm H<sub>2</sub>O not less than 100μg/ml, which can then be further diluted to other aqueous solutions.

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

**Introduction**

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.

**Stability**

Lyophilized GFP although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution GFP should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Background**

Ultra Pure Glial Filament Protein having a Molecular mass of 52 kDa.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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