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## Product Data Sheet

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Product Name: Cys-Protein-G

Cat. No.: GP24243

Batch No.: 1

### Product Data

|                     |       |                    |                       |
|---------------------|-------|--------------------|-----------------------|
| Purity              | >98%  | Source             | Escherichia Coli.     |
| Physical Appearance | solid | Shipping Condition | Shipped at Room temp. |

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

Formulation Lyophilized without any additives.

### Stability

Lyophilized Protein G although stable at room temperature for 3 weeks, should be stored desiccated below -18°C . Upon reconstitution Protein G should be stored at 4°C between 2-7 days and for future use below -18°C .Please prevent freeze-thaw cycles.

### Background

Cys-Protein G Recombinant produced in E.Coli, is a 201 amino acids protein which contains amino acids 190-384 of the Streptococcus sp with a Cysteine residue at the N-terminus, a single non-glycosylated polypeptide chain has a predicted molecular mass of approximately 21.9kDa. But it migrates with an apparent molecular mass of 40kDa in SDS-PAGE. The Cys-Protein G is purified by proprietary chromatographic techniques.

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

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