

Cys-Protein-G Recombinant Protein



RPPB4308

Product Information Protein Information

Product SKU:

RPPB4308

Host:

Escherichia Coli.

Protein description:

Cys-Protein G Recombinant produced in E.Coli, is a single non-glycosylated polypeptide chain containing 201 amino acids and having a cys on N-terminal. Cys-Protein G 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.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation:

Lyophilized without any additives.

Purity:

Greater than 95.0% as determined by SDS-PAGE and HPLC analyses.

Solubility:

It is recommended to reconstitute the lyophilized Protein G in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

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.

Amino Acid Sequence:

CLPKTDTYKL ILNGKTLKGE TTTEAVDAAT AEKVKQYAN DNGVDGEWTY DDATKTFTVT EKPEVIDASE
LTPAVTTYKL VINGKTLKGE TTTEAVDAAT AEKVKQYAN DNGVDGEWTY DDATKTFTVT EKPEVIDASE
LTPAVTTYKL VINGKTLKGE TTTKAVDAET AEKAFKQYAN DNGVDGVWTY DDATKTFTVT E.