

Protein G-Biotin recombinant protein
Protein G
Catalog # PBV10728r**Specification**

Protein G-Biotin recombinant protein - Product infoCalculated MW **26.1 kDa KDa****Protein G-Biotin recombinant protein - Additional Info****Other Names**

Protein G

Source

Assay&Purity

Assay2&Purity2

Recombinant

E. coli**SDS-PAGE; ≥98%****HPLC; ≥98%****Yes****Application Notes**Reconstitution in H₂O to a concentration of 5 mg/ml gives a clear solution.**Format**

Lyophilized

Storage

-20°C; Lyophilized with no additives

Protein G-Biotin recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Protein G-Biotin recombinant protein - Images**Protein G-Biotin recombinant protein - Background**

Protein G binds to the constant region of many species of immunoglobulin G. Protein G can be used to detect, quantify and purify IgG antibodies and antibody/antigen complexes. BioVision's Recombinant Protein G contains only IgG binding domains. The albumin-binding domain as well as cell wall and cell membrane binding domains have been removed to ensure the maximum specific IgG binding capacity. The 6-His-tag on N-terminus can be used for affinity purification or protein G detection using anti-His-tag antibodies.

Protein G binds to all IgG subclasses from human, mouse and rat species. It also binds to total IgG from guinea pig, rabbit, goat, cow, sheep, and horse.

The Protein G-Biotin is using purified recombinant protein G biotinylated with ~2 biotins per protein G molecule.