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Protein G-Biotin recombinant protein

Protein G
Catalog # PBV10728r

Specification

Protein G-Biotin recombinant protein - Product info

Calculated MW	**26.1 kDa KDa**

Protein G-Biotin recombinant protein - Additional Info

Other Names
Protein G

Source	**E. coli**
Assay&Purity	**SDS-PAGE; ≥98%**
Assay2&Purity2	**HPLC; ≥98%**
Recombinant	**Yes**

Application Notes
Reconstitution in H_2O 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 Cytomety
- 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.