

Protein A/G-Biotin recombinant protein

Protein A/G

Catalog # PBV10726r

Specification

Protein A/G-Biotin recombinant protein - Product info

Calculated MW

59.7 kDa KDa**Protein A/G-Biotin recombinant protein - Additional Info****Other Names**

Protein A/G

Source

E. coli

Assay&Purity

SDS-PAGE; ≥98%

Assay2&Purity2

HPLC; ≥98%

Recombinant

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

Protein A/G is a genetically engineered protein that combines the IgG binding profiles of both Protein A and Protein G. It is a gene fusion product. Recombinant fusion protein A/G contains 6x His-tag on the N-terminus, five Ig-binding regions of protein A fusion with three Ig-binding region of protein G. Cell wall binding region, albumin binding region and other non-specific binding regions have been eliminated from the fusion protein A/G to ensure the maximum specific IgG binding. 6x His-tag on N-terminus can be used for affinity purification or for protein A/G detection using

anti-His-tag antibody.

Protein A/G binds to all IgG subclasses from various mammalian species, including all IgGs that bind to both Protein A and Protein G, making it the ideal choice for purification of all kinds of polyclonal or monoclonal IgG antibodies.

Protein A/G-Biotin is prepared by conjugating recombinant Protein A/G to Biotin. The conjugation was optimized to provide the maximal binding capacity for IgG.