

Protein A (Lyophilized) recombinant protein
Protein A
Catalog # PBV10722r**Specification**

Protein A (Lyophilized) recombinant protein - Product info

Primary Accession [YP_498670](#)
Calculated MW **39.21 kDa** KDa

Protein A (Lyophilized) recombinant protein - Additional Info

Gene ID **3919448**

Other Names

Protein A

Gene Source **Staphylococcus aureus**
Source **E. coli**
Assay&Purity **SDS-PAGE; ≥97%**
Assay2&Purity2 **HPLC; ≥97%**
Recombinant **Yes**

Application Notes

Reconstitute in H₂O

Format

Lyophilized

Storage

-20°C; Lyophilized powder

Protein A (Lyophilized) 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 (Lyophilized) recombinant protein - Images**Protein A (Lyophilized) recombinant protein - Background**

The recombinant Protein A is a genetically engineered protein containing five Ig-binding regions of protein A and 6x His-tag on N-terminus. Cell wall binding region, albumin binding region and other non-specific binding regions have been eliminated from the recombinant Protein A to ensure the

maximum specific IgG binding. The 6x His-tag can be used for affinity purification or for protein A detection using anti-His-tag antibody. The recombinant Protein A is ideal for purification of polyclonal or monoclonal IgG antibodies.

Protein A binds to most human and mouse IgG subclasses (e.g., human IgG1, IgG2, IgG4; mouse IgG1, IgG2a, IgG2b, IgG3). It also binds to total IgG from cow, guinea pig, hamster, horse, pig, and rabbit. Protein A has little affinity to chicken, goat, rat and sheep.