

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.

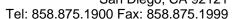
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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.