10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Protein L recombinant protein

Protein L
Catalog # PBV10729r

Specification

Protein L recombinant protein - Product info

Primary Accession	CAA25612
Calculated MW	**43.2 kDa with 5 IgG binding sites KDa**

Protein L recombinant protein - Additional Info

Other Names
Protein L

Gene Source	**Peptostreptococcus Magnus**
Source	**E. coli**
Assay&Purity	**SDS-PAGE; ≥98%**
Assay2&Purity2	**HPLC;**
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 L 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 L recombinant protein - Images

Protein L recombinant protein - Background

Protein L has the unique ability to bind through kappa light chain interactions without interfering with the antibody's antigen-binding site. This gives Protein L the ability to bind a wider range of Ig classes and subclasses than other antibody-binding proteins. Protein L can be used to detect, quantify and purify antibodies and antibody/antigen complexes. BioVision's Recombinant Protein L

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 L detection using anti-His-tag antibodies.

Protein L binds to all classes of Ig (IgG, IgM, IgA, IgE, and IgD). Protein L will also bind Single Chain Variable Fragments (ScFv) and Fab Fragments. Protein L binds kappa I, III, and IV in human and kappa I on mouse.